#### EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

March 28, 2005

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E UINTAH COUNTY, UTAH LEASE NO.: U-0337 FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter

P.O. Box 1910

Vernal, UT 84078

Phone: (435)789-4120

Fax: (435)789-1420

RECEIVED

MAR 3 1 2005

DIV. OF OIL, GAS & MINING

Sincerely,

Agent

EOG Resources, Inc.

Attachments

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

INITE	D STATES	Ext	ones March 31, 2007		
DEPARTMENT BUREAU OF LA	5. Lease Serial No. <b>U-0337</b>				
0 0 1 APPLICATION FOR PERM		6. If Indian, Allottee or Tribe Name			
la. Type of Work: R DRILL	REENTER		reement, Name and No. WELLS UNIT		
1b. Type of Well: Oil Well X Gas Well Oth	ner Single Zone X Multiple Zone	8. Lease Name and CHAPITA WE	Well No. ELLS UNIT 659-30		
2. Name of Operator EOG RESOURCES, INC.		9. API Well No. 43-0	47-36484		
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	10. Field and Pool, or NATURAL	Exploratory		
At surface 649' FSL, 1967' FWL 4  At proposed prod. Zone	111) 001	SEC. 30, T9	•		
14. Distance in miles and direction from nearest town or pos 20.4 MILES SOUTHEAST OF OU		12. County or Parish UINTAH	13. State UTAH		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 2344	17. Spacing Unit dedicated			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth <b>6975</b>	20. BLM/BIA Bond No. or NM-2308	n file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5098.3 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL	23. Esti mat 45 DA			
	24. Attachments		RECEIVED		
Attachments The following, completed in accordance with the requir	ements of Onshore Oil and Gas Order No. 1, s	shall be attached to this form:	MAR 3 1 2005		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National For SUPO shall be filed with the appropriate Forest Serven</li> </ol>	(see Item 20 al prest System Lands, the 5. Operator certifica	tion. cific information and/or plans a	DIV. OF OIL, GAS & MININ		
25. Signature Lel Criette	Name <i>(Printed/Typed)</i> Ed Trotter		Date March 28, 2005		
Agent Agent	, la				
Approved by (Signapire)  Federal Approv	BRADLEY G. HILL  SSATT BRADLEY G. HILL  ENVIRONMENTAL SCIENTIS	Date T III	-N4-N5		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

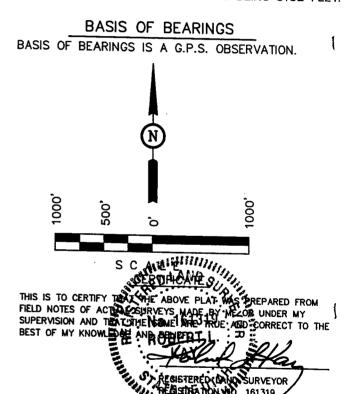
T9S, R23E, S.L.B.&M. N89'51'43"W - 2606.38' (Meas.) N89'50'45"W - 2643.09' (Meas.) 1977 Brass Cap 1977 Brass Cap 1977 Brass Cap 0.5' High, Pile in Center of 0.5' of Stones High Pile of Stones LOT 1 LOT 2 1977 Brass Cap 0.8' High, Pile of Stones 1977 Brass Cap 0.7' High, Pile of Stones, Steel Post LOT 3 CWU #659-30 1967 Elev. Ungraded Ground = 5098' LOT 4 1977 Brass Cap 1977 Brass Cap S89°59'15"W - 5261.57' (Meas.) (AUTONOMOUS NAD 83) LEGEND: LATITUDE =  $40^{\circ}00'05.42"$  (40.001506) LONGITUDE = 109'22'18.93" (109.371925) = 90° SYMBOL (AUTONOMOUS NAD 27) = PROPÓSED WELL HEAD. LATITUDE =  $40^{\circ}00'05.54"$  (40.001539) = SECTION CORNERS LOCATED. LONGITUDE = 109°22'16.48" (109.371244)

#### EOG RESOURCES, INC.

Well location, CWU #659-30, located as shown in the SE 1/4 SW 1/4 of Section 30, T9S, R23E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 58EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FEET.



#### Untah Engineering & Iand Surveying 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'		DATE SURVEYED: 09-09-04	DATE DRAWN: 09-26-04
G.S. W.L.	D.R.B.	REFERENCES G.L.O. PLA	Ţ
WEATHER WARM		FILE FOG RESOURCE	ES INC

#### **EIGHT POINT PLAN**

#### CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,064
Wasatch	4,463'
Chapita Wells	5,029'
Buck Canyon	5,814'
North Horn	6,369'
Island	6,686'
KMV Price River	6,885'

EST. TD: 6,975'

Anticipated BHP 3000 PSI

3. PRESSURE CONTROL EQUIPMENT: 3,000 PSI - BOP Schematic Diagram attached.

#### 4. CASING PROGRAM:

							KAI.	ING PACT	<u>OK</u>
<b>HOLE SIZI</b>	<u>INTERVAL</u>	<b>LENGTH</b>	<u>SIZE</u>	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	COLLAP	SE BURST	TENSILE
12 ¼"	0' - 500' + /-KB	500'+/-	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
7 7/8"	500' - TD'+/-KB	6,975' +/-	4 1/2"	11.6#	J-55	LTC	4960 PSI	5350 PSI	162,000#

#### All casing will be new or inspected.

#### 5. Float Equipment:

#### Surface Hole Procedure (0-500' Below GL):

Guide Shoe

Insert Baffle.

Wooden wiper plug

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

#### **Production Hole Procedure (500'-TD):**

Texas-Pattern shoe, short casing shoe joint ( $\pm$  20'), Float Collar, and balance of casing to surface. Run short casing joint (< 38') at  $\pm$  4,000' (1,000' above projected top of Wasatch). Centralize 5' above shoe on joint #1, top of joint #2, then every 4th joint to  $\pm$  4,000' (400' above Wasatch top - 15 total). Thread lock shoe, top and bottom of FC, and top of  $2^{nd}$  joint.

#### 6. MUD PROGRAM:

#### Surface Hole Procedure (0-500' below GL):

500' - 1,700': Water (circulate through reserve pit). Anco-Drill sweeps for hole cleaning, Paper sweeps to seal off loss zones. Add LIME to reserve pit to keep clear.

#### **EIGHT POINT PLAN**

#### CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **MUD PROGRAM (Continued):**

#### **Production Hole Procedure (500'-TD):**

- 1,700' 4,900': Continue as above as far as possible. Should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Try to control any fluid losses if drilling on clear fluid with paper LCM. Add LIME and Gyp if needed to control alkalinities.
- 4,900' TD: Continue sweeping hole with Anco-Drill for hole cleaning. Again, should it become necessary to trip for a bit prior to reaching TD, either slug drill pipe and fill hole with brine or with 9.2 ppg mud (pre-mixed in rig mud tanks) to control gas. Once back on bottom after trip, turn flow back and re-circulate through reserve pit to resume drilling ahead. Stay on as clear of fluid as long as possible. Increase Anco-Drill sweep frequency as you near TD in preparation to logging and running casing. Be alert at all times while drilling the Wasatch on water for any signs of hole sloughing (i.e. tight connections, fill, etc.). Should sloughing be detected, immediately mud up the hole. If mud-up becomes necessary to log, run casing, for hole sloughing or to control water and gas flows, mix Gel, Anco-Drill and Aqua-Pac if chloride content of mud will allow or SALT GEL and STARCH if chloride content is high. When mudding up, add 6% LCM (mixture of Cedar Fiber, Paper, Cottonseed Hulls and Sawdust) to control losses.

#### 7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### 8. EVALUATION PROGRAM:

Logs: Cased Hole Logs TD to Surface Casing

#### **EIGHT POINT PLAN**

#### CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 9. CEMENT PROGRAM:

#### Surface Hole Procedure (0-500' Below GL)

Lead: 200 sks. (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15. ft<sup>3</sup>./sk., 4.95 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg,, 1.15. ft<sup>3</sup>./sk., 4.95 gps via 1" tubing set at 25' if needed.

#### **Production Hole Procedure (500' to TD)**

Lead: 100 sks: Class 'G' lead cement with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 250 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 cu. ft./sk., 5.0 gps water. 50:50 Poz G w/ 2% D20 (Bentonite), 10% D44 (Salt), mixed at 14.1 ppg, 1.35 ft<sup>3</sup>/sk., 5.0 gps water.

#### 10. ABNORMAL CONDITIONS:

#### **PRODUCTION HOLE (500'-TD)**

**Potential Problems:** Lost circulation, asphaltic, black oil flows, large Trona water flows and gas flows may be encountered in the Green River, beginning at  $\pm 1,900$ °. Other wells in the general area of the CWU 659-30 (all drilled with air/mist or aerated water) reported problems with sloughing formation in the Wasatch while attempting to mud up for logs or to run casing.

#### 11. STANDARD REQUIRED EQUIPMENT:

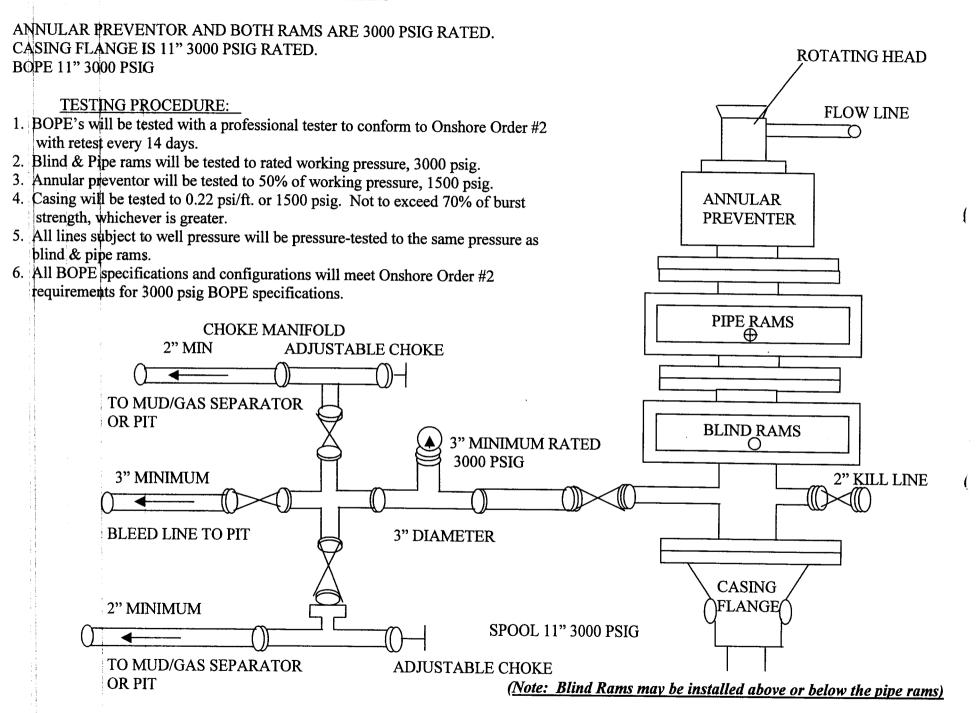
- A. Choke Manifold
- B. Kelly Cock \*
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

#### 3000 PSIG DIAGRAM



#### CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Chapita Wells Unit 659-30

Lease Number:

U-0337

Location:

649' FSL & 1967' FWL, SE/SW, Sec. 30,

T9S, R23E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

#### NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### THIRTEEN POINT SURFACE USE PROGRAM

#### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 20.4 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

#### 2. PLANNED ACCESS ROAD

- A. An existing access road will be utilized to service this well. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

## 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 5\*
- B. Producing wells 8\*
- C. Shut in wells 3\*

(\*See attached TOPO map "C" for location)

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

#### A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the Southeast side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

#### 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be

disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

#### On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with a plastic liner. A double felt liner will also be installed.

#### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

#### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:

Wyoming Big Sage – 3 pounds per acre Gardner Salt Bush – 3 pounds per acre Indian Rice Grass – 2 pounds per acre Hi-Crest Crested Wheat Grass – 1 pound per acre.

The reserve pit will be located on the Southeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil. The stockpiled location topsoil will be stored Southeast of Corner #6. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the Northwest.

Corners #2, #6, & #8 will be rounded off to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### A. **PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

#### B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP

Access road: <u>Federal</u> Location: <u>Federal</u>

#### 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used.
  - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable

facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

#### **Additional Surface Stipulations**

None

#### LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT	<b>DRILLING OPERATIONS</b>
Ed Trotter	Donald Presenkowski

P.O. Box 1910 Vernal, UT 84078

Telephone: (435)789-4120

Fax: (435)789-1420

EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113

Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 659-30 Well, located in the SE/SW of Section 30, T9S, R23E, Uintah County, Utah; Lease #U-0337; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

3-28-2005

Date

### EOG RESOURCES, INC. CWU #659-30 SECTION 30, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 2.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH, TURN RIGHT AND PROCEED IN A SOUTHERLY THEN. SOUTHEASTERLY DIRECTION APPROXIMATLEY 0.2 MILES TO THE CWU #857-30 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.4 MILES.

### EOG RESOURCES, INC.

CWU #659-30 LOCATED IN UINTAH COUNTY, UTAH SECTION 30, T9S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

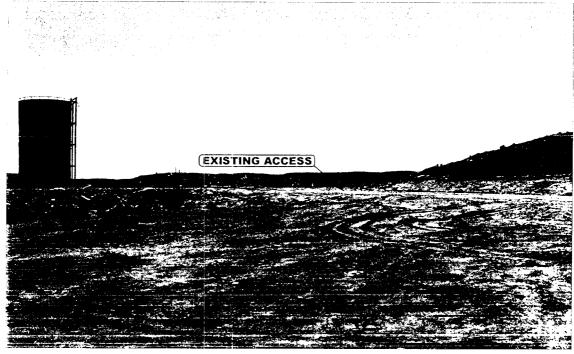


PHOTO: VIEW OF EXISTING ACCESS

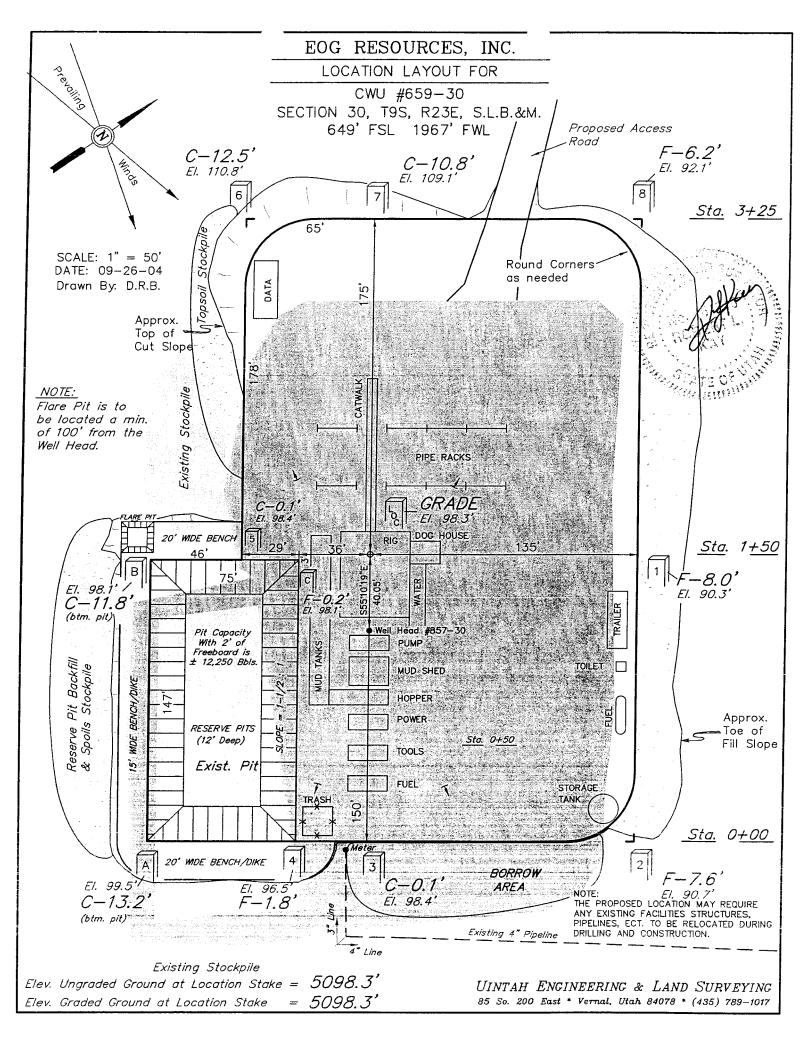
CAMERA ANGLE: SOUTHEASTERLY

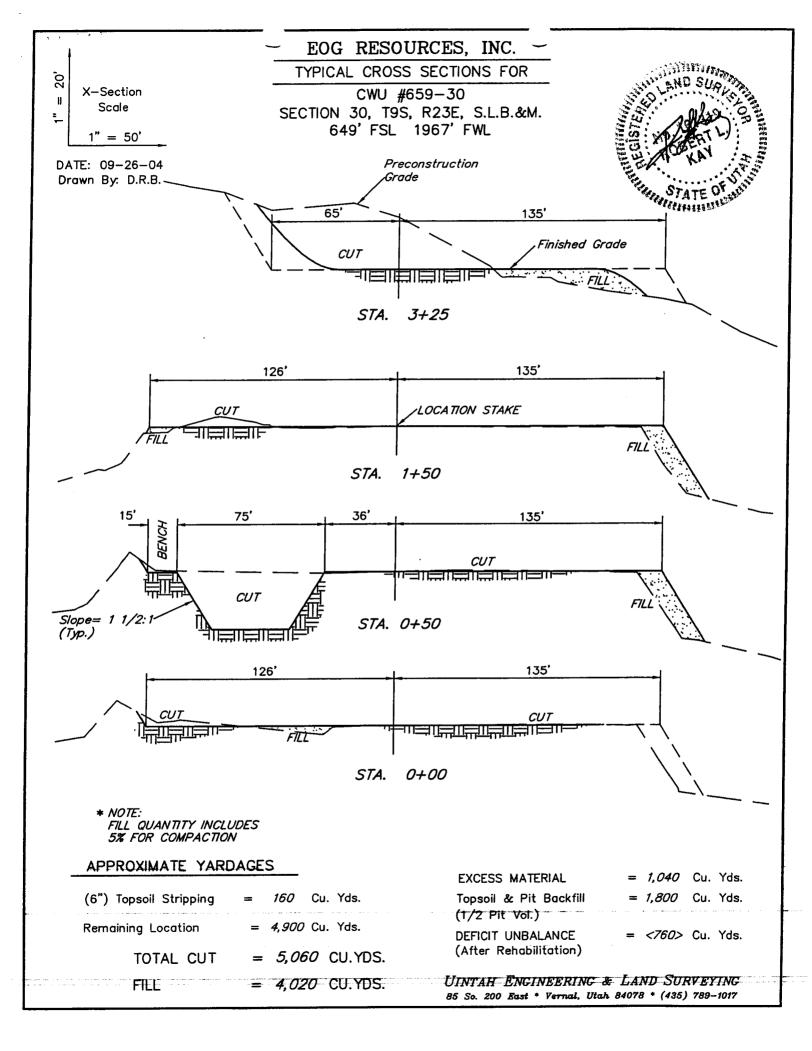


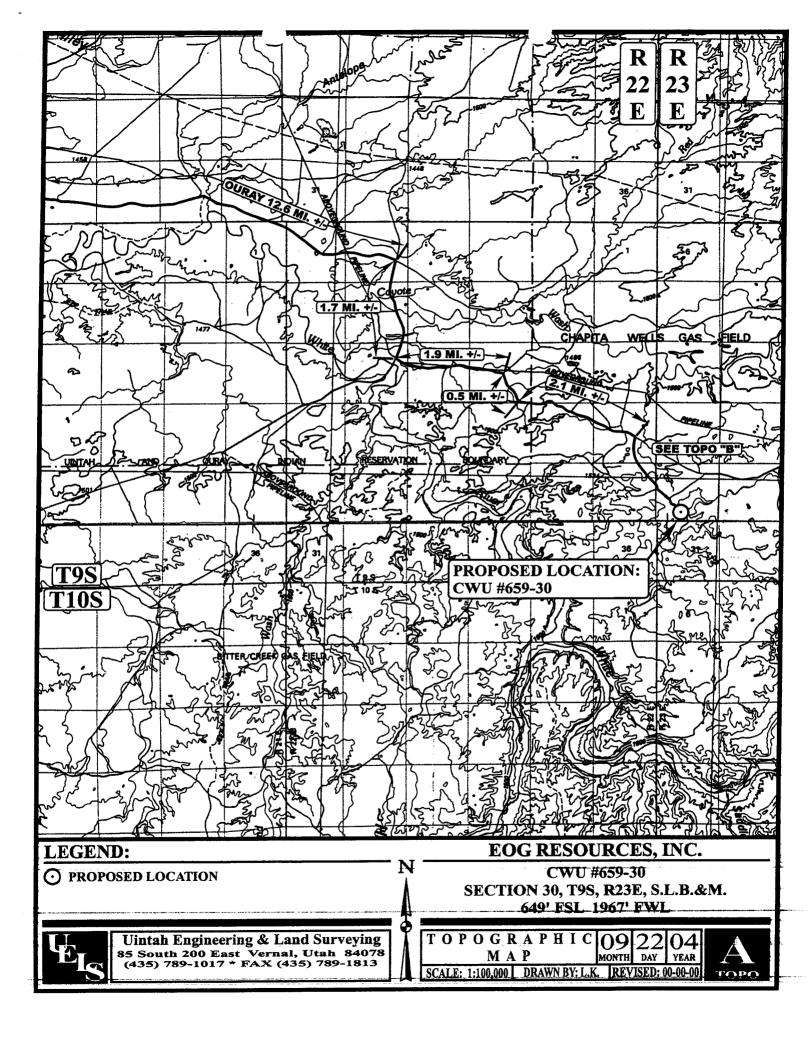
Uintah Engineering & Land Surveying \$85 South 200 East Vernal, Utah 84078 435-789-1017 uelsaguelsing.com

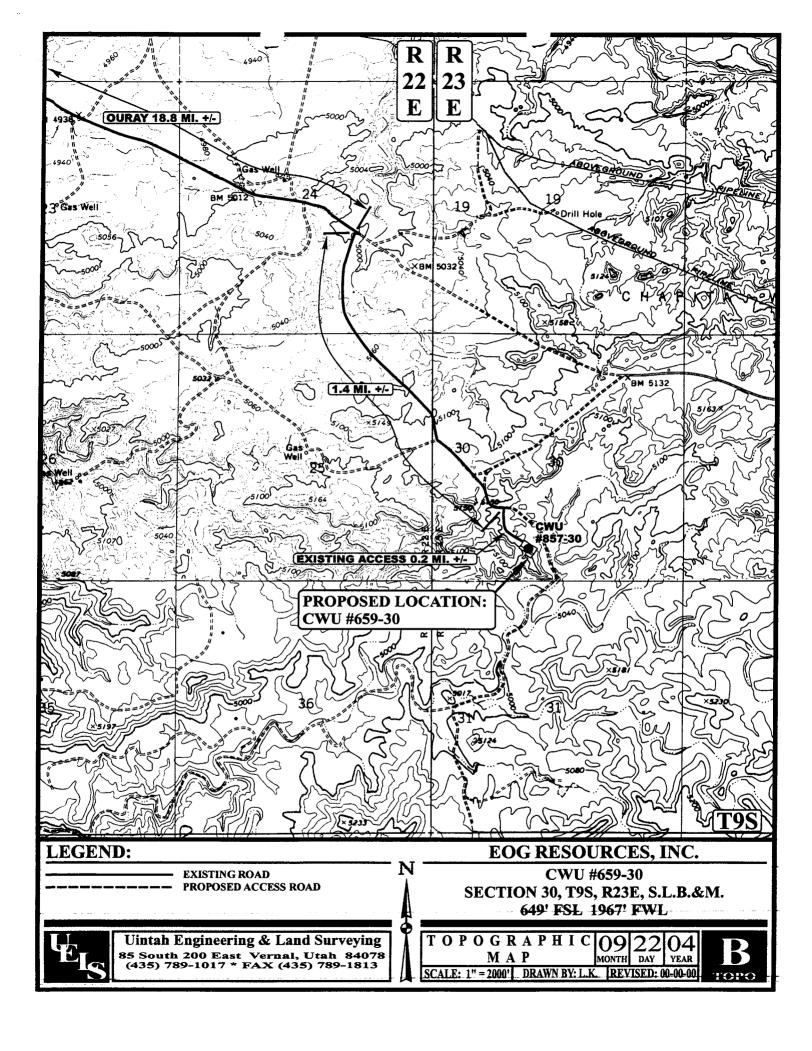
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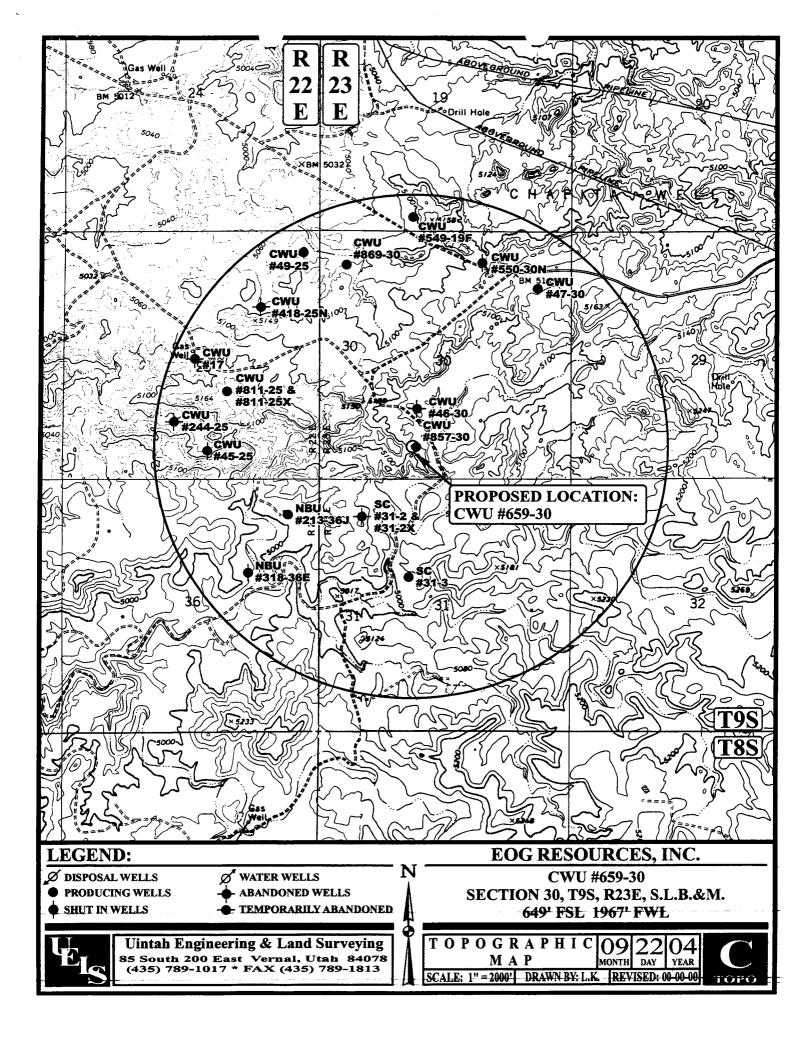
РНОТО





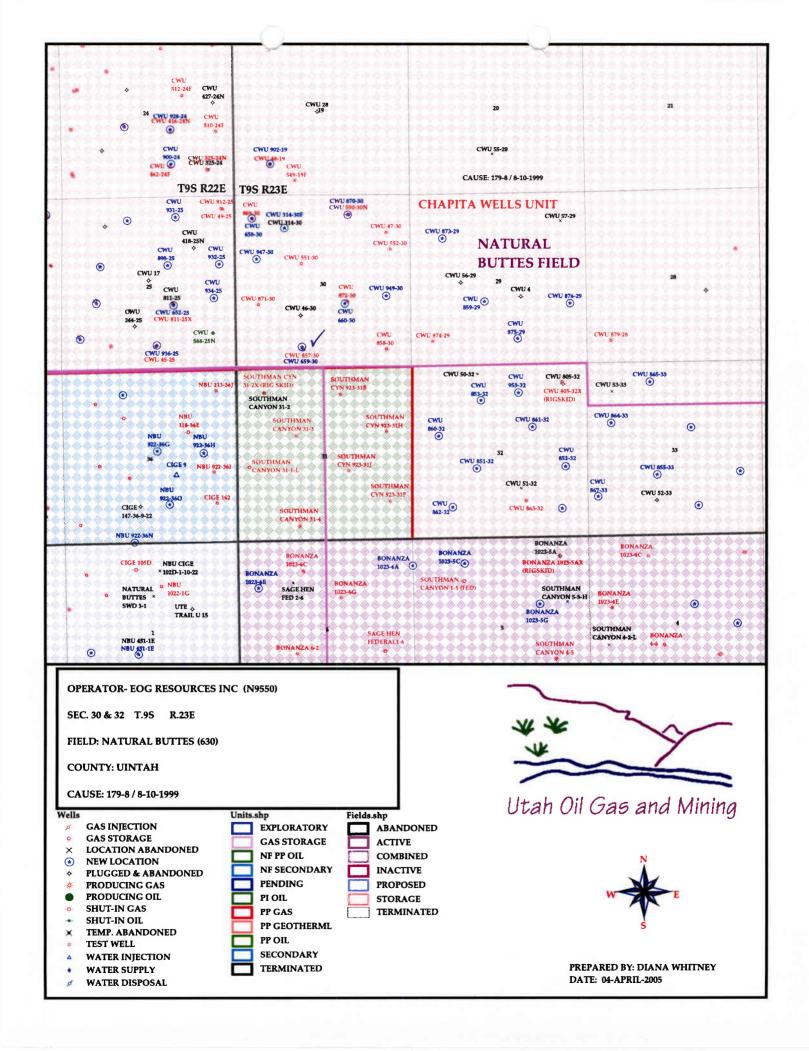






## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/31/2005	API NO. ASSIGNED: 43-047-36484
WELL NAME: CWU 659-30  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: ED TROTTER  PROPOSED LOCATION:  SESW 30 090S 230E  SURFACE: 0649 FSL 1967 FWL  BOTTOM: 0649 FSL 1967 FWL  UINTAH  NATURAL BUTTES ( 630 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: U-0337  SURFACE OWNER: 1 - Federal  PROPOSED FORMATION: PRRV  COALBED METHANE WELL? NO	PHONE NUMBER: 435-789-4120  INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  LATITUDE: 40.00160  LONGITUDE: -109.3713
RECEIVED AND/OR REVIEWED:  Plat Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM-2308 )  Potash (Y/N)  N oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-1501 )  RDCC Review (Y/N)  (Date: )  N Fee Surf Agreement (Y/N)	LOCATION AND SITING:  ' R649-2-3.  Unit CHAPITA WELLS  R649-3-2. General     Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  / Drilling Unit     Board Cause No:
COMMENTS:  STIPULATIONS:  1. Education	



### United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 4, 2005

#### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Chapita Wells Unit, Uintah County, Utah.

API # WELL NAME LOCATION

(Proposed PZ Blackhawk)

43-047-36481 CWU 849-21 Sec 21 T09S R22E 1807 FSL 2357 FEL

(Proposed PZ Price River)

43-047-36483 CWU 658-30 Sec 30 T09S R23E 0707 FNL 0518 FWL 43-047-36484 CWU 659-30 Sec 30 T09S R23E 0649 FSL 1967 FWL 43-047-36485 CWU 660-30 Sec 30 T09S R23E 1940 FSL 1993 FEL 43-047-36476 CWU 665-1 Sec 1 T09S R22E 1900 FNL 0675 FEL 43-047-36479 CWU 976-12 Sec 12 T09S R22E 0860 FSL 1935 FWL 43-047-36482 CWU 663-6 Sec 6 T09S R23E 0531 FNL 0470 FWL 43-047-36486 CWU 957-32 Sec 32 T09S R23E 0859 FSL 0820 FEL 43-047-36487 CWU 953-32 Sec 32 T09S R23E 0859 FNL 2079 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



State of Utah

Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

MARY ANN WRIGHT Acting Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

April 4, 2005

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: Chapita Wells Unit 659-30 Well, 649' FSL, 1967' FWL, SE SW, Sec. 30,

T. 9 South, R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36484.

John R. Baza
Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG Resources, Inc.				
Well Name & Number	Chapita	Wells Unit 659-30			
API Number:	43-047-36484				
Lease:	U-0337				
Location: <u>SE SW</u>	Sec30_	<b>T.</b> 9 South	R. 23 East		

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

## **UNITED STATES**

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

DEPARTMENT O BUREAU OF LAN	U	5. Lease Serial No.  U-0337		
APPLICATION FOR PERM	IIT TO DRILL OR REENTE		ndian, Allottee or	Tribe Name
la. Type of Work: X DRILL	□ REENTER MAR 3 0 ZUU5	C	HAPITA V	nent, Name and No. VELLS UNIT
lb. Type of Well: Oil Well X Gas Well Othe	_		nse Name and We	II No. LS UNIT 659-30
2. Name of Operator EOG RESOURCES, INC.		9. AF	Well No.	36484
Ba. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790	NA.	d and Pool, or Ex	UTTES
At surface 649' FSL, 1967' FWL At proposed prod. Zone	ance with any State requirements.*) SE/SW		CC. 30, T9S S.L.B.&	•
14. Distance in miles and direction from nearest town or pos 20.4 MILES SOUTHEAST OF OU		UII	inty or Parish	13. State UTAH
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 2344	17. Spacing	Unit dedicated to	this well
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth <b>6975</b> <sup>c</sup>		IA Bond No. on f -2308	ĭle
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5098.3 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		23. Esti mated 45 DA	
Attachments The following, completed in accordance with the requirements  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National Forest Surveyor)  Suppose the surveyor of the surveyor	4. Bond to cover the (see Item 20 a orest System Lands, the 5. Operator certification of the System Lands, the 5. Such other site specification of the system of the syste	he operations unlabove). ation.	ess covered by an	existing bond on file may be required
25. Signature	Ed Hotter	RECEIVE		Date March 28, 2005
Title Agent		JUL 2 6 20		
Approversor (Signature)	Name (Printed/Typed)	OF OIL, GAS &	Date O7	121/2009
Title Assistant Field Manager	Office			

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Operator/Company: <u>EOG Resources Inc.</u>
Well Name/Number: <u>CWU 659-30</u>
API Number: <u>43-047-36484</u>
Location: SESW Sec Tship Rng.: . 30, T09S, R23E
Lease Number: UTU-0337
Agreement Name (If Applicable): Unit Chapita Wells

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware that fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

The calculated circulation or top of cement does not reach the surface for the production casing string, factoring in operator indicated excess percentages (when specified). Additional cement beyond the proposed levels indicated in the operators application will need to be pumped. The cement volumes pumped should include appropriate excess factors. To protect and isolate the base of useable water, the calculated top of cement needs to be above depth feet 2315 toc intvl~BsWtrUs, which allows for two hundred feet of separation.

COA to operator proposed variance(s)
Operator EOG Variance Requests

If the well pad requirements are met per OOGO No. 2, then the blooie line installed length is to be the regulatory specified 100 feet. In the case when well pad location dimensions do not allow for a blooie line of 100 feet, then the proposed contingency variance is granted for a shorter blooie line of 75 feet.

Proposed variance(s) in APD related to blooie line operations are approved.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood

(435) 828-7874

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

Matt Baker

(435) 828-4470

Petroleum Engineer

BLM FAX Machine

(435) 781-4410

Company/Operator: EOG Resources Inc..

API Number <u>43-047-36484</u>

Well Name & Number: CWU 659-30

Lease number: <u>UTU-0337</u>

Location: SESW Sec, 30 T.9S. R. 23E.

Surface Ownership: BLM

Date NOS Received: 3/16/05

Date APD Received: 3/30/05

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

FORM 9 **STATE OF UTAH** DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL. GAS AND MINING U-0337 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. CHAPITA WELLS UNIT 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 🔽 OTHER OIL WELL **CHAPITA WELLS UNIT 659-30** 9. API NUMBER: 2. NAME OF OPERATOR: 4304736484 EOG RESOURCES, INC. 10. FIELD AND POOL, OR WILDCAT: PHONE NUMBER: 3. ADDRESS OF OPERATOR: NATURAL BUTTES STATE UT CITY VERNAL 71D 84078 (435) 789-4120 P.O. BOX 1910 4. LOCATION OF WELL COUNTY: UINTAH FOOTAGES AT SURFACE: 649' FSL, 1967' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 98 23E S STATE UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN  $\square$ NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT ALTER CASING (Submit in Duplicate) TEMPORARILY ABANDON **NEW CONSTRUCTION** Approximate date work will start: CASING REPAIR OPERATOR CHANGE TUBING REPAIR CHANGE TO PREVIOUS PLANS PLUG AND ABANDON VENT OR FLARE CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF PRODUCTION (START/RESUME) CHANGE WELL STATUS Date of work completion: RECLAMATION OF WELL SITE OTHER: COMMINGLE PRODUCING FORMATIONS **RECOMPLETE - DIFFERENT FORMATION** CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. EOG Resources, Inc. requests authorization to change the drilling plan on the above-described well. These changes would include changes in the Casing program, float equipment, mud, and cement program. The modified drilling program is attached. 4 Flamed by the 142 the Senson of Of Graend Mining FOR RECORD ONLY

NAME (PLEASE PRINT) Ed Trotter Title Agent

SIGNATURE DATE 11/3/2005

(This space for State use only)

NOV 0 9 2005

# EIGHT POINT PLAN CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,064'
Wasatch	4,463'
Chapita Wells	5,029'
Buck Canyon	5,814'
North Horn	6,369'
Island	6,686'
KMV Price River	6,885'

Estimated TD: 6,975' or 200'± below Island top

Anticipate

Anticipated BHP: 3,250 Psig

DATING PACTOR

1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .

2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

							<u>KA</u>	IING FACTOR
	HOLE SIZE	INTERVAL	SIZE	<b>WEIGHT</b>	<b>GRADE</b>	<b>THREAD</b>	COLLAPSE	E /BURST/ TENSILE
Conducto	r: 17 ½"	0'-45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI 322,000#
Surface	12-1/4"	45' - 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi 394,000#
Production	n: 7-7/8"	$2,300' \pm - TD$	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5th joint to surface. (15 total)

#### Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

# EIGHT POINT PLAN CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.0 – 9.5 ppg depending on actual wellbore conditions encountered while drilling.

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### 8. EVALUATION PROGRAM:

**Logs:** Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

#### 9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3 ½ #/sx

Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, 1/4#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

## EIGHT POINT PLAN CHAPITA WELLS UNIT 659-30 SE/SW, SEC. 30, T9S, R23E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **CEMENT PROGRAM (Continued):**

Production Hole Procedure (2300'± - TD)

Lead: 122 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft<sup>3</sup>/sk., 9.19

gps water.

Tail: 520 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note**: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch. Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### 10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

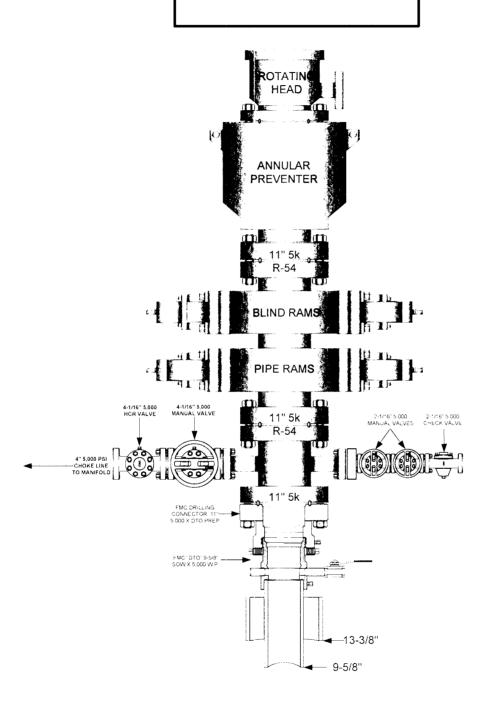
#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

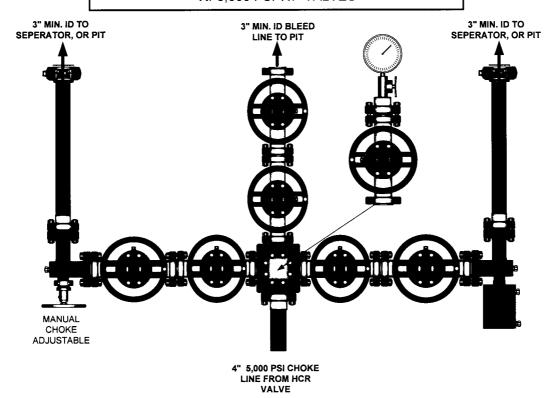
No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)



## EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5.000 PSI WP VALVES

PAGE 2 0F 2



#### Testing Procedure:

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.
- 4. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

#### **STATE OF UTAH**

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL. GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-0337
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, drill honzontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL  OIL WELL  GAS WELL  OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	CHAPITA WELLS UNIT 659-30
EOG RESOURCES, INC.	43-047-36484
3. ADDRESS OF OPERATOR: P.O. BOX 1815 CITY VERNAL STATE UT 219 84078 (435) 789-079	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: 649 FSL 1967 FWL 40.0016 LAT 109.37133 LON	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 9S 23E S.L.B. & M	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start:  Approximate date work will start:  CASING REPAIR  CHANGE TO PREVIOUS PLANS  OPERATOR CHANGE  CHANGE TUBING  PLUG AND ABANDON  CHANGE WELL NAME  PLUG BACK  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FORM  TO DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, to the property of the referenced well be extended.	volumes, etc.
Approved by the Utah Division of Oil, Gas and Mining Date: By:  NAME (PLEASE PRINT)  Kaylene R. Gardner  TITLE  Regulatory	Assistant
3/23/2006	
SIGNATURE DATE 3/20/2000	
(This space for State use only)	

## Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-36484  Well Name: CHAPITA WELLS UNIT 659-30  Location: 649 FSL 1967 FWL (SE/SW) SECTION 30, T9S, R23E SL.B. &M  Company Permit Issued to: EOG RESOURCES, INC.  Date Original Permit Issued: 4/4/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑ No □
Signature Date
Title: REGULATORY ASSISTANT
Representing: EOG RESOURCES, INC.

Form 3160-5 (February 2005)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

	Ex	MBNO. I	004-013 ch 31,	2007					
5.	Lease Serial N	0	Ī	8	Just .	1	1 1	-	All and a second
	U-0337	` ". "	Diego.				V	<b>—</b>	$\cap$
6	If Indian Al	llattan an	T-:1-	N.T		_	-		

6	If Indian	Allottee or	Trika Nam	Δ.			
٠.	n manui,	THOUGH OF	Trimin sakilii	L_			
				-7	• 3	20	. ~ ~
					,		,

FORM APPROVED

abandoned v	vell. Use Form 3160 - 3	(APD) for such p	roposals.	JUN 2.2 2003
SUBMIT IN TR	RIPLICATE- Other in:	structions on reve	rse side.	7. If Unit or CA/Agreement, Name and/or No.
Type of Well Oil Well      Name of Operator EOG RESO	✓ Gas Well Other			8. Well Name and No. CHAPITA WELLS UNIT 659-30
3a Address P.O. BOX 1815 VERNAL, UT		3b. Phone No. (include 435-781-9111	le area code)	9. API Well No. 43-047-36484  10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,		)		NATURAL BUTTES
649 FSL 1967 FWL (SESW) (SECTION 30, T9S, R23E 40.	001506 LAT 109.371925 LOI	N		11. County or Parish, State  UINTAH COUNTY, UTAH
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NATUI	RE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab	Well Integrity  ✓ Other APD EXTENSION
13. Describe Proposed or Complet	ed Operation (clearly state all per	tinent details including esti	mated starting date of an	V proposed work and approviments demails at the C

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. respectfully requests the referenced APD originally approved 7/21/2005 be extended for one year.

### CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		
KAYLENE R. GARDNER	itle REGULATORY	ASSISTANT
Signature Couch	ate	06/21/2006
THIS SPACE FOR FEDERAL	R STATE OFFI	CE USE
certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.	Office	gineer Date JUL 2 5 2006
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	son knowingly and will thin its jurisdiction	fully to make to any department or agency of the united

(Instructions on page 2)

SEP 0 1 2006



### **CONDITIONS OF APPROVAL**

### **EOG Resources, LLC**

# Notice of Intent APD Extension

Lease:

UTU-0337

Well:

CWU 659-30

Location:

SESW Sec 30-T9S-R23E

An extension for the referenced APD is approved with the following conditions:

- 1. The extension and APD shall expire on 7/21/07
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

	STATE OF U	TAH		FORM 9
	DEPARTMENT OF NATURA DIVISION OF OIL, GAS			5. LEASE DESIGNATION AND SERIAL NUMBER: U-0337
SUNDRY	NOTICES AND RE	PORTS ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill n		wells below current bottom-hole dep	th, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: Chapita Wells Unit
1. TYPE OF WELL OIL WELL	GAS WELL 🗸	OTHER		8. WELL NAME and NUMBER: Chapita Wells Unit 659-30
2. NAME OF OPERATOR: EOG Resources, Inc.				9. API NUMBER: 43-047-36484
ADDRESS OF OPERATOR:     1060 East Highway 40	VERNAL	UT 84078	PHONE NUMBER: (435) 789-0790	10. FIELD AND POOL, OR WLDCAT: Natural Buttes
4. LOCATION OF WELL				
FOOTAGES AT SURFACE: 649 F	SL 1967 FWL 40.00150	6 Lat 109.371925 Lon		соинту: <b>Uintah</b>
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: SESW 30	9S 23E S.L.B.	& M	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO	INDICATE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		Ť	YPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE		SIDETRACK TO RÉPAIR WELL
Approximate date work will start:	CASING REPAIR	<u> </u>	STRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLA			TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BAC	K	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTI	ON (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING F	FORMATIONS  RECLAMAT	TION OF WELL SITE	OTHER: APD EXTENSION REQUEST
	CONVERT WELL TYPE	RECOMPLE	ETE - DIFFERENT FORMATION	REQUEST
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clea	arly show all pertinent details in	cluding dates, depths, volum	es, etc.
EOG Resources, Inc. res	pectfully requests the Al	PD for the referenced	well be extended for	one year.
,,	, ,			
		t vd bou-	he	
		Approved by to Utah Division	of	
		Utah Dividing	ining	
		Utah Division Oil, Gas and M		
			Alar-	
		10-DE	THT	
		Date:		
			1	
		BA:	$\mathcal{H}$	The state of the s
			~	44,07
				Met K from
NAME (PLEASE PRINT) Kaylene I	R. Gardner	TIT	Sr. Regulatory A	ssistant

(This space for State use only)

**RECEIVED** APR U 5 2007

DATE 4/3/2007

#### Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: Well Name: Location: Company Per Date Original		SECTION 30, T9S, R23E S.L.B.&M sources, Inc.
above, hereby	verifies that the informa	ights to drill on the property as permitted tion as submitted in the previously ralid and does not require revision.
Following is a verified.	checklist of some items	related to the application, which should be
	rivate land, has the own en updated? Yes⊟No⊡	ership changed, if so, has the surface ]
Have any well the spacing or	s been drilled in the vicing siting requirements for	nity of the proposed well which would affect this location? Yes⊟ No☑
Has there bee	n any unit or other agre- operation of this propose	ements put in place that could affect the d well? Yes⊡ No☑
Have there be of-way, which	en any changes to the a could affect the propose	access route including ownership, or righted location? Yes□No☑
Has the appro	ved source of water for	drilling changed? Yes□ No☑
Have there be which will requestion? You	uire a change in plans fr	s to the surface location or access route om what was discussed at the onsite
Is bonding stil	l in place, which covers	this proposed well? Yes⊠No□
That.	. I	4/3/2007
Signature		Date
Title: Sr. Regu	latory Assistant	-
Representing	EOG Resources, Inc	
		RECEIVED

APR U 5 2007

## **DIVISION OF OIL, GAS AND MINING**

#### **SPUDDING INFORMATION**

Name of Company:	EOG RESOURCES INC
Well Name:	CWU 659-30
Api No: 43-047-3	Lease Type: FEDERAL
Section 30 Township	p 09S Range 23E County UINTAH
Drilling Contractor	ROCKY MOUNTAIN DRLG RIG # RATHOLE
SPUDDED:	
Date	07/15/07
Time	10:00 AM
How	DRY
Drilling will Commo	ence:
Reported by	JERRY BARNES
Telephone #	(435) 828-1720
Date <u>07/17/07</u>	Signed CHD

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

EOG RESOURCES, INC.

Operator Account Number: N 9550

Address:

600 17th Street

city Denver

state CO zip 80202

Phone Number: (303) 262-2812

Well 1

Well Name		QQ	Sec	Twp	Rng	County
CHAPITA WELLS UN	HAPITA WELLS UNIT 686-30	NWSW	NWSW 30 9S Spud Date		23E	UINTAH
Current Entity Number	New Entity Number	Sı			Entity Assignment Effective Date	
99999	16234	7	/15/200	7	1/0	33/07
	Current Entity Number	Number Number	Current Entity New Entity Spontage Number Number	Current Entity New Entity Spud Date Number Number	Current Entity New Entity Spud Date Number Number	Current Entity New Entity Spud Date Entity Number Eff

Well 2

ADITA WELLS III						
WELFS OF	NIT 659-30	SESW 30 9S  Spud Date		23E	UINTAH	
Current Entity Number	New Entity Number			Entity Assignment Effective Date		
99999	13650	7	/15/200	7	7/	23/07
_	<b>Number</b> 99999	Number         Number           99999         13650	Number         Number           99999         13650	Number         Number           99999         13650         7/15/200	Number         Number           99999         13650         7/15/2007	Number         Number         Eff           99999         13650         7/15/2007         7/1

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County		
Action Code	Current Entity Number	New Entity Number	S	Spud Date					y Assignment fective Date
omments:	11								

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Carrie MacDonald

Name (Please Print)

Signature

Title

Operations Clerk

7/18/2007

Date

(5/2000)

JUL 1 8 2007

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Form 3160-5 (February 2005)

## UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT** 

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

CHNDDV	NOTICES AND REI	ODTE ON WI	:116	5. Lease Sen U-0337	
Do not use th	is form for proposals t	o drill or to re-	enter an	6. If India	n, Allottee or Tribe Name
adangoned we	ell. Use Form 3160-3 (/	APD) for such p	oposais.		
	PLICATE- Other instr	ructions on reve	erse side.		r CA/Agreement, Name and/or No. ta Wells Unit
I. Type of Well Oil Well	Gas Well Other			<b>-</b>	me and No.
2. Name of Operator EOG Resou	irces, Inc.			9. API W	ta Wells Unit 659-30 ell No.
3a Address 600 17th Street, Suite 1000N, D	enver, CO 80202	3b. Phone No. (inclu 303-262-2812	de area code)		'-36484 nd Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 1	T., R., M., or Survey Description)				al Buttes/Wasatch
649' FSL & 1,967' FWL (SESV Sec. 30-T9S-R23E 40.001506 L				'	or Parish, State
12. CHECK AF	PPROPRIATE BOX(ES) TO	INDICATE NATU	TRE OF NOTICE, I	REPORT, O	R OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION		
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv	ctionally or recomplete horizontall ne work will be performed or proventions. If the operations	ly, give subsurface locat ide the Bond No. on file results in a multiple cor	Temporarily A Water Disposa stimated starting date of ions and measured and to with BLM/BIA. Requi	Abandon  I  any proposed w  rue vertical deprired subsequent  in a new interv	Water Shut-Off Well Integrity Other Well spud  Other Well spud
determined that the site is ready  The referenced well spud					
14. Thereby certify that the fore	going is true and correct	1		Ni an	
Name <i>(Printed/Typed)</i> Carrie MacDons	ild	Title	Operations Clerk		
Signature Carrie	Me	Date		07/18/2007	
/	THIS SPACE FOR	FEDERAL OR	STATE OFFICE	E USE	
Approved by Conditions of approval, if any, are certify that the applicant holds legal	attached. Approval of this notice	does not warrant or in the subject lease	Title Office		Date
which would entitle the applicant to	conduct operations thereon.				
Title 18 U.S.C. Section 1001 and Titl States any false, fictitious or fraudu	e 43 U.S.C. Section 1212, make it lent statements or representations	a crime for any person as to any matter within	knowingly and willfull its jurisdiction.	y to make to a	ny department or agency of the United

(Instructions on page 2)

RECEIVED

JUL 5 8 2007

Form 3160-5 (February 2005)

649' FSL & 1,967' FWL (SESW)

Sec. 30-T9S-R23E 40.001506 LAT 109.371925 LON

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

## SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED	
OM B No. 1004-0137	
Expires: March 31, 200	7

5.	Lease Serial No.	
	11.0337	

11. County or Parish, State

**Uintah County, Utah** 

Do not use this form for proposals abandoned well. Use Form 3160 - 3		6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other ins	tructions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well Gas Well Other  2. Name of Operator POC P		8. Well Name and No. Chapita Wells Unit 659-30
EOG Resources, Inc.	3b. Phone No. (include area code)	9. API Well No. 43-047-36484
600 17th Street, Suite 1000N, Denver, CO 80202  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	303-262-2812	10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch

12. CHECK A	PPROPRIATE BOX(ES)	TO INDICATE NATUR	RE OF NOTICE, REPORT, O	R OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	
Notice of Intent Subsequent Report Final Abandorment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Start/Resume) Reclamation Recomplete Temporarily Abandon  Water Disposal	Water Shut-Off Well Integrity Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced well to any of the following locations.

- 1. Natural Buttes Unit 21-20B SWD
- 2. Chapita Wells Unit 550-30N SWD
- 3. Ace Disposal
- 4. RN Industries

Accepted by the Utah Division of Oil, Gas and Mining

FULL RECORD ONLY

1000						
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1					
Carrie MacDonald	Title Operations	Clerk				
Signature Canal Market	Date	07/18/2007				
Signature Carrier Date 07/18/2007  THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does certify that the applicant holds legal or equitable title to those rights in the which would entitle the applicant to conduct operations thereon.						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crin States any false, fictitious or fraudulent statements or representations as to	ne for any person knowingly a any matter within its jurisdicti	nd willfully to make to any department or agency of the United on.				

(Instructions on page 2)

RECEIVED

JUL 1 8 2007

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

5. Lease Serial No. UTU0337

Do not use thi abandoned wei	s form for proposals to drill o l.  Use form 3160-3 (APD) for a	r to re-enter an such proposals.	-	6. If Indian, Allottee or	Tribe Name
SUBMIT IN TRI	PLICATE - Other instructions	on reverse side.		7. If Unit or CA/Agree CHAPITA WELL	ment, Name and/or No. S UNI
Type of Well     Oil Well	er			8. Well Name and No. CHAPITA WELLS	UNIT 659-30
2. Name of Operator EOG RESOURCES, INC.		A. MAESTAS eogresources.com		9. API Well No. 43-047-36484	
3a. Address 600 17TH ST., SUITE 1000N DENVER, CO 80202	Ph:	hone No. (include area code) 303-824-5526 03-824-5527		10. Field and Pool, or I NATURAL BUT	Exploratory FES/WASATCH
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish, a	nd State
Sec 30 T9S R23E SESW 649 40.00151 N Lat, 109.37193 W				UINTAH COUN	ry, ut
12. CHECK APPR	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF N	NOTICE, REI	PORT, OR OTHER	R DATA
TYPE OF SUBMISSION		ТҮРЕ О	FACTION		
The National States	☐ Acidize	□ Deepen	☐ Production	n (Start/Resume)	■ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclamate	ion	
Subsequent Report	☐ Casing Repair	■ New Construction	□ Recomple	ete	Other
☐ Final Abandonment Notice	☐ Change Plans	□ Plug and Abandon	☐ Temporar	rily Abandon	Production Start-up
	□ Convert to Injection	☐ Plug Back	■ Water Di	sposal	
The subject well was turned to report for drilling and completi	o sales on 9/12/2007. Please se ion operations performed on the	e the attached operatio		RECEIVE SEP 1 9 20 DIV. OF OIL, GAS &	07
14. I hereby certify that the foregoing is	Electronic Submission #56352 For EOG RESOL	JRCES, INC., sent to the	Il Information S Vernal		
Name(Printed/Typed) MARY A.	MAESTAS	THE ALGOL	LATORT AGG	ISTAIT	
Signature (Electronic	Submission)	Date 09/17/2	2007		
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE US	E	
Approved By		Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to conditions.	uitable title to those rights in the subjec	orrant or or lease Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime statements or representations as to any	for any person knowingly and matter within its jurisdiction	d willfully to mai	ke to any department or	agency of the United

#### WELL CHRONOLOGY **REPORT**

Report Generated On: 09-17-2007

KB / GL Elev	5,110/ 5,098 Section 30, T9S, R23E, SES	W 640 FCL 9, 1067	EWI		
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
Tax Credit	N	TVD / MD	6,840/ 6,840	Property #	055529
County, State	UINTAH, UT	Spud Date	08-08-2007	Class Date	09-12-2007
Field	CHAPITA WELLS UNIT	API #	43-047-36484	Well Class	1SA
Well Name	CWU 659-30	Well Type	DEVG	Division	DENVER

Operator	EO	G RESOURC	ES, INC	WI %	100	0.0		NRI %		72.25	
AFE No		303007		AFE Total		1,258,800		DHC/	CWC	657,7	00/ 601,100
Rig Contr	ENS	IGN	Rig Name	ENSIG	N #81	Start Date	04-	-13-2005	Release	Date	08-13-2007
04-13-2005	R	eported By									
DailyCosts: Da	rilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Wel	l Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			<b>PBTD</b> : 0.	.0		Perf:			PKR De	<b>pth</b> : 0.0	)

Activity at Report Time: LOCATION DATA

Start End Hrs **Activity Description** 06:00 24.0 LOCATION DATA 06:00

> 649' FSL & 1967' FWL (SE/SW) **SECTION 30, T9S, R23E** UINTAH COUNTY, UTAH

LAT: 40.001506, LONG: 109.371925 (NAD 83) LAT: 40.001539, LONG: 109.371244 (NAD 27)

RIG: ENSIGN #81

PLANNED TD: 6840' WASATCH

DW/GAS

CHAPITA WELLS PROSPECT DD&A: NATURAL BUTTES NATURAL BUTTES FIELD

LEASE: U-0337

ELEVATION: 5098.3' NAT GL, 5098.3' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 5098'), 5110' KB

(12')

EOG WI 100%, NRI 72.25%

Reported By

07-10-2007

TERRY CSERE

DailyCosts: Drilling	\$38,000			npletion	\$0		•	y Total	\$38,000	
Cum Costs: Drilling	\$38,000		Con	npletion	\$0			Total	\$38,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : (			Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	CATION								
Start End		•	cription							
06:00 06:00	24.0 LOC	ATION S'	TARTED.							
07-11-2007 Re	eported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Con	npletion	\$0		Daily	y Total	\$0	
<b>Cum Costs: Drilling</b>	\$38,000	)	Con	npletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	1	PBTD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	CATION	Ī							
Start End	Hrs Acti	vity Des	cription							
06:00 06:00	24.0 LOC	ATION S	TARTED.							
07-12-2007 Re	eported By	Т	ERRY CSERE							
DailyCosts: Drilling	\$0		Con	npletion	\$0		Daily	y Total	\$0	
Cum Costs: Drilling	\$38,000	)	Con	npletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	]	PBTD :	0.0		Perf:			PKR De	pth: 0.0	
					Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	CATION	I		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	OCATION		·.	Perf:			PKR De	<b>pth</b> : 0.0	
Activity at Report Till Start End 06:00 06:00	me: BUILD LO	OCATION vity Des	cription		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti  Start End  06:00 06:00  07-13-2007 Re	me: BUILD LC Hrs Acti 24.0 LOC	OCATION vity Des	cription 0% COMPLETE ERRY CSERE	npletion	Perf:		Daily	PKR De	<b>pth</b> : 0.0	
Activity at Report Tis Start End 06:00 06:00 07–13–2007 Ro DailyCosts: Drilling	Hrs Acti 24.0 LOC eported By	OCATION vity Des ATION 10	cription 0% COMPLETE ERRY CSERE Con				•			
06:00 06:00	Hrs Acti 24.0 LOC  eported By \$0	OCATION vity Des ATION 10	cription 0% COMPLETE ERRY CSERE Con	npletion	\$0	0	•	y Total	\$0	0.0
Activity at Report Tis Start End 06:00 06:00 07-13-2007 Ro Daily Costs: Drilling Cum Costs: Drilling	Hrs Acti 24.0 LOC  eported By \$0 \$38,000	OCATION vity Des	cription 0% COMPLETE ERRY CSERE Con Con Progress	npletion npletion	\$0 \$0	0	Well	y Total Total	\$0 \$38,000 <b>Visc</b>	0.0
Activity at Report Till Start End 06:00 06:00 07-13-2007 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	Hrs Acti 24.0 LOC eported By \$0 \$38,000	OCATION  Vity Description  T  O  O  PBTD:	cription 0% COMPLETE TERRY CSERE Con Con Progress	npletion npletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 <b>Visc</b>	0.0
Activity at Report Till Start End 06:00 06:00 07-13-2007 Re Daily Costs: Drilling Cum Costs: Drilling	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD	OCATION  vity Des  ATION 10  T  0  PBTD :	cription 0% COMPLETE TERRY CSERE Con Con Progress	npletion npletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 <b>Visc</b>	0.0
Activity at Report Tis  Start End  06:00 06:00  07-13-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tis	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  Ime: BUILD LC  Hrs Acti	OCATION  vity Des  ATION 10  0  0  PBTD:  OCATION  vity Des	cription 0% COMPLETE ERRY CSERE Con Con Progress 0.0	npletion npletion 0	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 <b>Visc</b>	0.0
Activity at Report Tis  Start End  06:00 06:00  07-13-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tis  Start End  06:00 06:00	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  Ime: BUILD LC  Hrs Acti	OCATION  vity Des  ATION 10  0  PBTD : 0  OCATION  vity Des  ATION 30	cription 0% COMPLETE EERRY CSERE Con Con Progress 0.0 cription	npletion npletion 0	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 <b>Visc</b>	0.0
Activity at Report Tile  Start End  06:00 06:00  07-13-2007 Re  Daily Costs: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tile  Start End  06:00 06:00  07-16-2007 Re	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  me: BUILD LC  Hrs Acti 24.0 LOC	OCATION  vity Des  ATION 10  0  PBTD : 0  OCATION  vity Des  ATION 30	cription 0% COMPLETE TERRY CSERE Con Progress 0.0 cription 0% COMPLETE TERRY CSERE	npletion npletion 0	\$0 \$0 <b>Days</b> <b>Perf</b> :	0	Well MW	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0	0.6
Activity at Report Tis  Start End  06:00 06:00  07-13-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tis  Start End  06:00 06:00  07-16-2007 Re  DailyCosts: Drilling	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  Inne: BUILD LOC  Hrs Acti 24.0 LOC  eported By \$0	OCATION vity Des ATION 10 0 0 PBTD: OCATION vity Des ATION 30 T	cription 0% COMPLETE TERRY CSERE Con Progress 0.0 cription 0% COMPLETE TERRY CSERE Con	npletion 0	\$0 \$0 <b>Days</b> <b>Perf</b> :	0	Well MW Daily	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0	0.0
Activity at Report Tile  Start End  06:00 06:00  07-13-2007 Ref  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tile  Start End  06:00 06:00  07-16-2007 Ref  DailyCosts: Drilling  Cum Costs: Drilling	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  Ime: BUILD LC  Hrs Acti 24.0 LOC  eported By \$0 \$38,000	OCATION  vity Des  ATION 10  0  PBTD : 0  OCATION  vity Des  ATION 3	cription 0% COMPLETE TERRY CSERE Con Progress 0.0 cription 0% COMPLETE TERRY CSERE Con Con	npletion  0  inpletion	\$0 \$0 <b>Days</b> <b>Perf:</b>		Well MW Daily Well	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0	
Activity at Report Tis  Start End  06:00 06:00  07-13-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tis  Start End  06:00 06:00  07-16-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  me: BUILD LOC  Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD	OCATION  vity Des  ATION 10  0  0  PBTD:  OCATION  vity Des  ATION 30  T	cription 0% COMPLETE TERRY CSERE Con Progress 0.0 cription 0% COMPLETE TERRY CSERE Con Con Progress	npletion 0	\$0 \$0 Days Perf:	0	Well MW Daily	y Total  Total  0.0  PKR De  y Total  Total  0.0	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0 \$0 \$38,000 <b>Visc</b>	
Activity at Report Tile Start End 06:00 06:00  07-13-2007 Ref DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tile Start End 06:00 06:00  07-16-2007 Ref DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0  Formation:	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  Ime: BUILD LC  Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD	OCATION  vity Des  ATION 10  0  PBTD : 0  OCATION  vity Des  ATION 30  T	cription 0% COMPLETE Con Con Progress 0.0 cription 0% COMPLETE ERRY CSERE Con OTHERRY CSERE Con Progress	npletion  0  inpletion	\$0 \$0 <b>Days</b> <b>Perf:</b>		Well MW Daily Well	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0 \$0 \$38,000 <b>Visc</b>	
Activity at Report Tis  Start End  06:00 06:00  07-13-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tis  Start End  06:00 06:00  07-16-2007 Re  DailyCosts: Drilling  Cum Costs: Drilling  Cum Costs: Drilling  Cum Costs: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tis  Activity at Report Tis	Hrs Acti 24.0 LOC  eported By \$0 \$38,000  TVD  Inne: BUILD LOC  inne: BUILD LOC  inne: BUILD LOC	OCATION  vity Des  ATION 10  0  0  PBTD :  0  0  OCATION 30  T  0  0  PBTD :  0  OCATION 30	cription 0% COMPLETE TERRY CSERE Con Progress 0.0  cription 0% COMPLETE TERRY CSERE Con Con Progress 0.0	npletion  0  inpletion	\$0 \$0 Days Perf:		Well MW Daily Well	y Total  Total  0.0  PKR De  y Total  Total  0.0	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0 \$0 \$38,000 <b>Visc</b>	
Activity at Report Tile  Start End  06:00 06:00  07-13-2007 Ref  Daily Costs: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tile  Start End  06:00 06:00  07-16-2007 Ref  Daily Costs: Drilling  Cum Costs: Drilling	Hrs Acti 24.0 LOC  Prorted By \$0 \$38,000  TVD  In the BUILD LOC  Prorted By \$0 \$38,000  TVD  \$0 \$38,000  TVD  In the BUILD LOC  Prorted By \$0 \$38,000  TVD  In the BUILD LOC  Prorted By \$0 \$38,000  TVD  In the BUILD LOC  Hrs Acti	OCATION  vity Des  ATION 10  0  PBTD : 0  CATION 3  T  0  0  PBTD : 0  CATION 3  T  OCATION 3	cription 0% COMPLETE Con Con Progress 0.0 cription 0% COMPLETE ERRY CSERE Con OTHERRY CSERE Con Progress	npletion 0 npletion npletion npletion 0	\$0 \$0 Days Perf:		Well MW Daily Well	y Total  Total  0.0  PKR De  y Total  Total  0.0	\$0 \$38,000 <b>Visc</b> <b>pth</b> : 0.0 \$0 \$38,000 <b>Visc</b>	0.0

DailyCost	ts: Drilling	\$0	Comple	etion \$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$38,000	Comple	etion \$0		Well	Total	\$38,000	
MD	0	TVD 0	Progress	0 Days	0	MW	0.0	Visc	0.0
Formatio	n:	PBTI	<b>D</b> : 0.0	Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	ıt Report Tiı	ne: BUILD LOCATI	ON						
Start	End	Hrs Activity I	Description						
06:00	06:00	24.0 LINE TOM	IORROW.						
07-18-20	007 Re	ported By	JERRY BARNES						
DailyCos	ts: Drilling	\$0	Comple	etion \$0		Daily	Total	\$0	
Cum Cos	ts: Drilling	\$38,000	Comple	etion \$0		Well	Total	\$38,000	
MD	40	TVD 40	Progress	0 Days	0	MW	0.0	Visc	0.0
Formatio	n:	PBTI	<b>)</b> : 0.0	Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	it Report Tii	ne: WO AIR RIG							
Start	End	Hrs Activity I	Description						
06:00	06:00	OF 14" CO	N COMPLETE. ROCKY INDUCTOR. CEMENT M AND MICHAEL LEE	TO SURFACE W	ITH READY N	MIX. JERRY E	BARNES NO		
07-31-20	)07 Re	ported By	JERRY BARNES						
DailyCos	ts: Drilling	\$201,233	Comple	etion \$0		Daily	Total	\$201,233	
Cum Cos	ts: Drilling	\$239,233	Comple	etion \$0		Well	Total	\$239,233	
MD	2,382	<b>TVD</b> 2,3	82 Progress	0 Days	0	MW	0.0	Visc	0.0
Formatio	n:	PBTI	0.0	Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	at Report Ti	ne: WORT							
Start	End	Hrs Activity I	Description						
06:00	06:00	1600'. RAI COLLAR.	D PETRO AIR RIG #9 O N 59 JTS (2370.50') OF 8 CENTRALIZERS SPA RDMO AIR RIG.	9-5/8", 36.0#/FT	J-55, ST&C (	CASING WITI	H TOP-CO C	JUIDE SHOE A	ND FLOAT
		TO 1000 P MIXED &	D PETRO CEMENTING SIG. PUMPED 180 BBL PUMPED 350 SX (71.6 @ 15.8 PPG W/YIELD 0	LS FRESH WATE BBLS) OF PREM	R & 20 BBLS	GELLED WA	TER FLUSH	AHEAD OF CE	EMENT.
			ED CEMENT W/183.1 E LOAT HELD. SHUT-IN				00# @ 3:43 Pl	M, 7/23/2007. C	HECKED
			# 1: MIXED & PUMPED EMENT @ 15.8 PPG W					C12 & 1/4#/ SX F	LOCELE.
			# 2: MIXED & PUMPED EMENT @ 15.8 PPG W	*				C12 & ¼#/ SX FI	LOCELE.
			# 3: MIXED & PUMPE EMENT @ 15.8 PPG W	•	·				FLOCELE.

TOP JOB # 4: MIXED & PUMPED 125 SX (25.6 BBLS) OF PREMIUM CEMENT W/2% CACL2 &  $\frac{1}{4}$ #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS 30 MINUTES.

TOP JOB # 5: MIXED & PUMPED 100 SX (20.4 BBLS) OF PREMIUM CEMENT W/2% CACL2 &  $\frac{1}{4}$  SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO PRO PETRO CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

NO SURVEY AT THIS TIME.

DALL COOK NOTIFIED MIKE LEE W/BLM OF THE SURFACE CASING & CEMENT JOB ON 7/21/2007 @ 7:30 AM.

08-08-20	07 Re	eported E	By DA	VID FOREMA	N						
DailyCost	ts: Drilling	\$3	31,309 270,542		pletion	\$0 \$0		Daily Well	Total Total	\$31,309 \$270,542	
MD	2,382	TVD	2,382	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	- / -	<b>PBTD</b> : 0.	Ü		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: NIPP	LE UP								
Start	End	Hrs	Activity Descr	ription							
06:00	07:00	1.0	W/O/DAYLIGH	TT.							
			NOTIFY BLM	FOR BOP TEST	T VERNAL	OFFICE, RA	AY ARNOLE	435-828-74	99 @ 17:00	8-6-08	
07:00	07:30	0.5	JSA, SAFETY I	MEETING W/ F	R.W.JONE	S & RIG CRE	ws,				
07:30	12:00	4.5	RIG DOWN &	MOVE TO NEV	V LOCATI	ON CWU 65	9–30.				
			CUTTING WIN	IDOW IN MOT	OR SHED	FOR CRANI	E TO RIG UI	ON TWIN V	VELL.		
12:00	20:30	8.5	RIG UP ON NE DERRICK TO I				ION @ 16:30	D.CONT.TO F	NG UP GRO	UND AND PRI	EPARE
20:30	00:00	3.5	CONT. TO RIG DRAWWORKS							ER UNIT TO M	AKE
00:00	06:00	6.0	CONT. RIG UP PICK UP KELI	**				,	HYD.LINES	.TO HYD.CAT	HEADS.
			ACCIDENTS N	ONE REPORT	ED						
			SAFETY MEE	TING: WORKI	NG OFF L	ADDERS/RA	ISING DER	RICK.			
			CREWS FULL								

#### FUEL ON HAND,2100, USED 633,

08-09-20	007 F	Reported	By C.	ARLOS ARRIE	TA						
DailyCos	ts: Drilling		39,192	Cor	npletion	\$0		Daily	Total	\$39,192	
Cum Cos	ts: Drilling	5 5	5309,734	Cor	npletion	\$0		Well 7	<b>Fotal</b>	\$309,734	
MD	3,170	TVD	3,170	Progress	786	Days	1	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	at Report T	<b>ime:</b> DRI	ILLING AHEAD	•							
Start	End	Hrs	Activity Desc	cription							
06:00	07:00	1.0	RIG UP QUIC	K TEST, LOAD	RACKS W	// BHA & SLM	I SAME.				

07:00	10:30	3.5 TEST BOP, PIPE RAMS, BLIND RAMS, ALL KILL LINE VALVES, CHOCK LINE & MANIFOLD, HCR, KELLY UPPER & LOWER KELLY VALVES, SAFETY VALVE, DART VALVE, ALL TO 250 PSI LOW & 5000 PSI HIGH ANNULAR 250 PSI LOW 2500 HIGH, SURFACE CSG. 1500 PSI GOOD TEST.
		WITNESS KEVIN CHAPOOSE B & C QUICK TEST.
10:30	11:00	0.5 INSTALL WEAR BUSHING
11:00	14:00	3.0 RIG INSPECTION, RIG UP TRIPING TANK, POWER TO CAMP, WIRE LINE SURVEY MACHINE
14:00	14:30	0.5 SAFETY MEETING WITH WEATHERFORD CREW, P/UP M. MOTOR & BIT # 1
14:30	17:30	3.0 PU/BHA & 46 JTS. D. PIPE TAG CEMENT @ 2290'
17:30	18:00	0.5 RIGGING DOWN L/DN MACHINE
18:00	19:30	1.5 DRILL CEMENT, F. COLLAR @ 2342', SHOE @ 2384'
19:30	20:30	1.0 DRILL 2344' – 2360' RUN FIT 380 PSI 11.7 PPG MUT WT.
20:30	21:00	0.5 DRILL ROTATE 2360' – 2478'
21:00	21:30	0.5 RUN WIRE LINE SURVEY 2420' 2.39 DEG.
21:30	06:00	8.5 DRILL ROTATE 2474' – 3170' WOB 15/18K 55 RPM M.MOTOR 71 RPM 447 GPM 1300 PSI MUD WT 8.7 PPG VIS. 28

NO ACCIDENTS REPORTED

**FULL CREW** 

SAFETY MEETING: CONFIND SPACE / STABING RUBBER

FUEL ON HAND: 2128 GALS. USED?

FORMATION TOPS: WASATH @ 4503'

FORMATION TOPS: MAHOGANY OIL SHALE BED @ 2960'

LITHOLOGY: 25% SANDSTONE - 60% SHALE - 15% LIMESTONE

BG GAS 900U / 2700U - TRIP GAS 0 - CONN. GAS 2000U / 2700U - H F GAS 3456U @ 2561'

08-10-20	07 R	eported I	By C	CARLOS ARRI	ETA						
DailyCost	ts: Drilling	-	19,012	Cor	mpletion	\$0		Daily	Total	\$49,012	
•	ts: Drilling		358,746		mpletion	\$0		Well	Total	\$358,746	
MD	4,850	TVD	4,850	Progress	1,680	Days	2	MW	9.0	Visc	30.0
Formatio	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report T	ime: DRII	LING AHEAD	ı							
Start	T23										
JUALL	End	Hrs	<b>Activity Desc</b>	ription							
06:00	09:00		Activity Desc DRILL ROTAT VIS. 30	-	4' WOB 15	5/18K 55 RPM	м.мото	R 71 RPM 44	17 GPM 1300	PSI MUD WI	Г 9.00 <b>РР</b> С
		3.0	DRILL ROTAT	E 3170' - 3424			м.мото	R 71 RPM 44	47 GPM 1300	PSI MUD W	Г 9.00 PPG
06:00	09:00	3.0	DRILL ROTAT VIS. 30	E 3170' - 3424	3353' 3.7	DEG.					Г9. <b>00 PP</b> G
06:00 09:00	09:00	3.0 0.5 9.0	DRILL ROTAT VIS. 30 RUN WIRE LII	TE 3170' - 3424 NE SURVEY @ TE 3424' - 4088	3353' 3.7 8' WOB 15	DEG. /18K 55 RPM					Г 9.00 <b>PP</b> G
06:00 09:00 09:30	09:00 09:30 18:30	3.0 0.5 9.0 0.5	DRILL ROTAT VIS. 30 RUN WIRE LII DRILL ROTAT	TE 3170' - 3424 NE SURVEY @ TE 3424' - 4081 NE SURVEY @	3353' 3.7 8' WOB 15 9 4010' 3.2	DEG. /18K 55 RPM 4 DEG.	м. мотоі	R 71 RPM 44	17 GPM 1300	PSI	
06:00 09:00 09:30 18:30	09:00 09:30 18:30 19:00	3.0 0.5 9.0 0.5	DRILL ROTAT VIS. 30 RUN WIRE LII DRILL ROTAT RUN WIRE LII	TE 3170' – 3424 NE SURVEY @ TE 3424' – 4083 NE SURVEY @ TE 4088 – 4850	© 3353' 3.7 8' WOB 15. © 4010' 3.2 ' – WOB 1	DEG. /18K 55 RPM 4 DEG.	м. мотоі	R 71 RPM 44	17 GPM 1300	PSI	
06:00 09:00 09:30 18:30	09:00 09:30 18:30 19:00	3.0 0.5 9.0 0.5	DRILL ROTAT VIS. 30 RUN WIRE LII DRILL ROTAT RUN WIRE LII DRILL ROTAT	TE 3170' – 3424 NE SURVEY @ TE 3424' – 4083 NE SURVEY @ TE 4088 – 4850	© 3353' 3.7 8' WOB 15. © 4010' 3.2 ' – WOB 1	DEG. /18K 55 RPM 4 DEG.	м. мотоі	R 71 RPM 44	17 GPM 1300	PSI	
06:00 09:00 09:30 18:30	09:00 09:30 18:30 19:00	3.0 0.5 9.0 0.5	DRILL ROTAT VIS. 30 RUN WIRE LII DRILL ROTAT RUN WIRE LII DRILL ROTAT	TE 3170' – 3424'  NE SURVEY @  TE 3424' – 4086  NE SURVEY @  TE 4088 – 4850  TS REPORTED	© 3353' 3.7 8' WOB 15 © 4010' 3.2 ' – WOB 1	DEG. /18K 55 RPM 4 DEG.	м. мотоі	R 71 RPM 44	17 GPM 1300	PSI	
06:00 09:00 09:30 18:30	09:00 09:30 18:30 19:00	3.0 0.5 9.0 0.5	DRILL ROTAT VIS. 30 RUN WIRE LII DRILL ROTAT RUN WIRE LII DRILL ROTAT NO ACCIDENT FULL CREW	NE 3170' – 3424  NE SURVEY @ TE 3424' – 4088  NE SURVEY @ TE 4088 – 4850  TS REPORTED  TY CROWN O	© 3353' 3.7 8' WOB 15 © 4010' 3.2 V – WOB 1	DEG. /18K 55 RPM 4 DEG. 8/20K 55 RPM	M. MOTOI	R 71 RPM 44 OR 73 RPM 4	17 GPM 1300	PSI	

LITHOLOGY: 40% SANDSTONE - 30% SHALE - 30% RED SHALE

BG GAS 70 U/100 U - TRIP GAS 0 - CONN. GAS 200 U/3400 U - H F GAS 2023 U @ 3995'

MUD LOGGING: JONATHAN ARRIETA 2 DAYS

DailyCosts	)7 Re	ported By	C	CARLOS ARR	IETA						
	s: Drilling	\$51,6	665	Co	mpletion	\$2,881		Daily	y Total	\$54,546	
Cum Cost:	s: Drilling	\$407	,042	Co	mpletion	\$2,881		Well	Total	\$409,923	
MD	5,992	TVD	5,992	Progress	1,142	Days	3	MW	9.8	Visc	38.0
Formation	1:		<b>PBTD</b> : 0	0.0		Perf:			PKR Der	oth: 0.0	
Activity at	Report Tir	ne: DRILLI	NG								
Start	End	Hrs Ac	ctivity Desc	ription							
06:00	06:30	0.5 DF 34		E 4850' – 486	60' - WOB 1	8/20K 55 RPM	1 м. мот	OR 73 RPM	454 GPM 170	00 PSI MUD W	T 9.6 VIS
06:30	07:00	0.5 W	ORK ON RI	EPAIR # 1 & #	2 CHECK	VALVES					
07:00	15:00	8.0 DI	RILL ROTAT	E 4860' - 527	79' – WOB 2	0/22K 55 RPM	M. MOT	OR 73 RPM	454 GPM 175	0 PSI	
15:00	15:30	0.5 SE	RVICE RIG								
15:30	18:30	3.0 DI	RILL ROTAT	E 5279' – 542	24' WOB 20	/22K 45/55 RPM	и м. мот	OR 73 RPM	454 GPM 180	00 PSI	
18:30	19:00	0.5 RI	G REPAIR V	VORK ON # 1	& 2 MUD P	UMPS					
19:00	06:00	11.0 DI	RILL ROTAT	E 5424' - 599	92' 45/55 RF	M WOB 20/24	K M. MO	TOR 73 RPN	и 454 GPM M	IUD WT. 10.1 V	/IS. 36
			OP DRILL AFETY MEE	TING: ENER	GIZED OVE	PHEAD I INES	:/WOPKI	NG TONGS			
DailyCost	07 Res: Drilling	FC LI BC M eported By \$43,	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U – TRIP NG: JONATH CARLOS ARI	LS. USED 86 CANYON FONE – 35% GAS 0 – CO AN ARRIET	95 GALS. @ 5670' SHALE – 30% DNN. GAS 150	6 RED SH.	ALE – H F GAS Dail	6479 U @ 531 y Total I Total	0° \$47,004 \$456,928	
DailyCost Cum Cost	s: Drilling	FC LI BC M eported By \$43,	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U – TRIP NG: JONATH CARLOS ARI	LS. USED 8 CANYON FONE – 35% GAS 0 – CO AN ARRIET RIETA	95 GALS. @ 5670' SHALE – 30% DNN. GAS 150 A 3 DAYS	6 RED SH.	ALE – H F GAS Dail	y Total	\$47,004	38.0
DailyCost Cum Cost MD	s: Drilling ts: Drilling 6,840	FC LI BG M Peported By \$43,	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARE CO Progress	LS. USED 8' CANYON FONE – 35% GAS 0 – CO AN ARRIET RIETA Completion COMPLETION	95 GALS. @ 5670' • SHALE – 30% DNN. GAS 150 A 3 DAYS \$3,843 \$6,724	6 RED SH. U/ 8100 U	ALE – H F GAS Dail Wel	y Total I Total	\$47,004 \$456,928 <b>Visc</b>	38.0
DailyCost Cum Cost MD Formation	s: Drilling ts: Drilling 6,840	FC LI BO M Peported By \$43, \$450	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204 6,840 PBTD: (	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARE CO Progress 0.0	LS. USED 8' CANYON FONE – 35% GAS 0 – CO AN ARRIET RIETA Completion COMPLETION	95 GALS. @ 5670' SHALE – 30% DNN. GAS 150 A 3 DAYS \$3,843 \$6,724 <b>Days</b>	6 RED SH. U/ 8100 U	ALE – H F GAS Dail Wel	y Total I Total 10.4	\$47,004 \$456,928 <b>Visc</b>	38.0
DailyCost Cum Cost MD Formation Activity a	s: Drilling ts: Drilling 6,840	FC LI BG M eported By \$43, \$450 TVD	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204 6,840 PBTD: (	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARE CO Progress 0.0	LS. USED 8' CANYON FONE – 35% GAS 0 – CO AN ARRIET RIETA Completion COMPLETION	95 GALS. @ 5670' SHALE – 30% DNN. GAS 150 A 3 DAYS \$3,843 \$6,724 <b>Days</b>	6 RED SH. U/ 8100 U	ALE – H F GAS Dail Wel	y Total I Total 10.4	\$47,004 \$456,928 <b>Visc</b>	38.0
DailyCost Cum Cost MD Formation Activity a	s: Drilling s: Drilling 6,840 n: t Report Ti	FC LI B6 M eported By \$43, \$450 TVD	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204 6,840 PBTD: 0 TRIP @ TD ctivity Description	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARE CO Progress 0.0 cription	LS. USED 8' CANYON TONE – 35% GAS 0 – CO AN ARRIET RIETA completion 848	95 GALS. @ 5670' SHALE – 30% DNN. GAS 150 A 3 DAYS \$3,843 \$6,724 <b>Days</b>	6 RED SH. U/ 8100 U	ALE - H F GAS Dail Wel MW	y Total I Total 10.4 PKR De	\$47,004 \$456,928 <b>Visc</b> <b>pth:</b> 0.0	
DailyCost Cum Cost MD Formation Activity a Start 06:00	s: Drilling s: Drilling 6,840 n: t Report Ti End 17:00	## FC LI  ## BC M  ## SPORTED  ## SHORT  ## BC A  ## 11.0 D	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204 6,840 PBTD: 0 TRIP @ TD ctivity Description	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARI CO Progress 0.0 cription TE 5992' - 65	LS. USED 8' CANYON TONE – 35% GAS 0 – CO AN ARRIET RIETA completion 848	95 GALS. @ 5670' SHALE - 30% ONN. GAS 150 A 3 DAYS \$3,843 \$6,724  Days Perf:	6 RED SH. U/ 8100 U	ALE - H F GAS Dail Wel MW	y Total I Total 10.4 PKR De	\$47,004 \$456,928 <b>Visc</b> <b>pth:</b> 0.0	
DailyCost Cum Cost MD Formation Activity a Start 06:00 17:00	s: Drilling 6,840 n: t Report Ti End 17:00 17:30	## FC LI BG M  ## SPORTED BY \$43,  \$450  ## TVD  ## SHORT  ## Hrs A  11.0 D  0.5 SI	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204 6,840 PBTD: CTRIP @ TD  ctivity Desc	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARI CO Progress 0.0 cription TE 5992' - 65	LS. USED 8' CANYON FONE - 35% GAS 0 - CC AN ARRIET RIETA completion 848	95 GALS.  @ 5670'  SHALE - 30%  DNN. GAS 150  A 3 DAYS  \$3,843  \$6,724  Days  Perf:	6 RED SH. U/ 8100 U 4	ALE  - H F GAS  Dail  Wel  MW	y Total I Total 10.4 PKR De	\$47,004 \$456,928 <b>Visc</b> <b>pth:</b> 0.0	√IS. 36
Cum Cost MD Formation Activity a Start 06:00	s: Drilling s: Drilling 6,840 n: t Report Ti End 17:00	## FC LI BO M Provided By \$43, \$450  ### TVD  ### SHORT  ### A 11.0 D 0.5 SI 4.5 D	DRMATION THOLOGY: G GAS 60 U/ UD LOGGIN  161 0,204 6,840 PBTD: TRIP @ TD ctivity Desc	ND: 4567 GAI TOPS: BUCK 35% SANDS' /120 U - TRIP NG: JONATH CARLOS ARI CO Progress 0.0 cription TE 5992' - 65	LS. USED 8' CANYON TONE - 35% GAS 0 - CC AN ARRIET RIETA completion 848	95 GALS. @ 5670' SHALE - 30% ONN. GAS 150 A 3 DAYS \$3,843 \$6,724  Days Perf:	6 RED SH. U/ 8100 U 4	ALE  - H F GAS  Dail  Wel  MW	y Total I Total 10.4 PKR De	\$47,004 \$456,928 <b>Visc</b> <b>pth:</b> 0.0	√IS. 36

1.0 CIRCULATE COND. HOLE PUMP SLUG

02:00

03:00

03:00 06:00 3.0 SHORT TRIP TO 4470' NO OVER PULL

NO ACCIDENTS REPORTED

**FULL CREW** 

CHECK SAFETY CROWN OK

BOP DRILL MIN.

SAFETY MEETING: FORKLIFT OPERATION / FORKLIFT OPERATION

FUEL ON HAND: 3374 GALS. USED 1193 GALS. FORMATION TOPS: PRICE RIVER @ 6661'

LITHOLOGY: 40% SANDSTONE - 50% SHALE - 10% SILFSTONE

BG GAS 150 U/200 U – TRIP GAS 0 – CONN. GAS 250 U/4700 U – H F GAS 6481 U @ 6680'

MUD LOGGING: JONATHAN ARRIETA 4 DAYS

				IG: JONATHAN		TOATS					
08-13-20	07 Re	ported I	By (	CARLOS ARRII	ETA						
DailyCost	s: Drilling	\$:	30,423	Con	npletion	\$107,485		Dail	y Total	\$137,908	
Cum Cost	s: Drilling	\$4	480,627	Con	npletion	\$114,209		Well	l Total	\$594,836	
MD	6,840	TVD	6,840	Progress	0	Days	5	MW	11.4	Visc	44.0
Formation	n:		<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: RDR	T/WO COMPL	ETION							
Start	End	Hrs	Activity Desc	cription							
06:00	07:30	1.5	CIRCULATE O	COND. HOLE	TO L/DN	PIPE 122 SPM	2100 PSI	MUD WT. 1	1.2 VIS. 42		
07:30	09:00	1.5	RIG UP L/DN	MACHINE, SA	FETY ME	ETING					
09:00	09:30	0.5	RIG REPAIR V	VORK ON BLO	CK LOCK	S					
09:30	14:00	4.5	L/DN PIPE &	ВНА							
14:00	15:00	1.0	R/UP CASING	GCREW SAFE	TY MEETI	NG					
15:00	22:30	7.5	RUN 162 JTS. 6227' #2 M. JC	+ 3 SHORT JT: DINT @ 4070' S	S. 4.5 CSG ET MANI	#11.6 N-80 LT DREL HANGER	C, F. SH W/ 72.00	OE @ 6837' 00 LBS. TES	F. COLLAR ( F W/ 5.000 PS	@ 6792' #1 M. I OK	JOINT @
22:30	.00:00	1.5	CIRCULATE (	COND. HOLE							
00:00	01:00	1.0	RIG DOWN C	SG CREW & RI	G UP SCH	ILUMBERGER,	SAFET	Y MEETING	ł		
01:00	02:30	1.5	LEAD 230 SK		+ ADDS N	UMPING 20 BB 41X D020 10.%E					
			LB/SK BLENI	D LOST CIRC, I	D065 .5% I	DISPERSANT. Y	(IELD 2.2	26 FT3/SK, H	120 12.9, GAL	/SK@ 11.5	
						DS D020 2% EX T3/SK , H20 5.9				167 .2% FLUII	D LOSS,
			OUT JOB. DR		:30 BUMP	ΓER. W/ 105 BB ED PLUG @ 02 ).					
02:30	03:30	1.0	RIG DOWN S	CHLUMBERGE	ER						
03:30	06:00	2.5	NIPPLE DOW	N BOP, CLEAN	MUD TA	NKS. TRUCK T	O RIG M	IOVE WILL	BE AT 07:00 A	AM, 08/13/2007	7
			TRANSFER T JTS. 2790 GA		): 5 JTS. 4	.5 " CSG # 11.6 l	N-80 LT	C, 42.06 – 41	.98 – 41.78 –	41.90 – 41.50 +	- 2 MARKER
			NO ACCIDEN	TS REPORTED	,						
			DAY CREW 1	MAN SHORT							

CHECK SAFETY CROWN OK

SAFETY MEETING: L/DN PIPE / RUN CSG FUEL ON HAND: 2890 GALS. USED 484 GALS. MUD LOGGING: JONATHAN ARRIETA 5 DAYS

06:00

18.0 RIG RELEASE 06:00 HRS, 8/13/07.

CASING POINT \$480,628

08-20-200	7 Re	ported By	S	EARLE							
Paily Costs	: Drilling	\$0		Co	mpletion	\$39,990		Daily	Total	\$39,990	
Cum Costs	: Drilling	\$480	,627	Co	mpletion	\$154,199		Well	Total	\$634,826	
MD	6,840	TVD	6,840	Progress	0	Days	6	MW	0.0	Visc	0.0
ormation	:		<b>PBTD</b> : 6	792.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: PRE FO	R FRACS								
tart	End	Hrs Ac	ctivity Desc	ription							
06:00	06:00		IRU SCHLU SCHLUME		OG WITH R	RST/CBL/CCL/V	'DL/GR I	FROM PBTD	TO 1000'. ES	ST CEMENT TO	OP @ 1330
8-25-200	7 Re	eported By	Н	OOLEY							
DailyCosts	: Drilling	\$0		Co	mpletion	\$1,110		Daily	Total	\$1,110	
Cum Costs	: Drilling	\$480	,627	Co	mpletion	\$155,309		Well	Total	\$635,936	
AD .	6,840	TVD	6,840	Progress	0	Days	7	MW	0.0	Visc	0.0
ormation	:		<b>PBTD</b> : 6	792.0		Perf:			PKR De	<b>pth:</b> 0.0	
ctivity at	Report Ti	me: FRAC M	1ESAVERDI	E / WASATCH	•						
tart	End	Hrs Ac	ctivity Desc	ription							
07:00	09:00			TREE. PRES G ON COMPL		FRAC TREE &	CASING	G TO 6500 PS	IG, HELD O	K. BLEED WEI	L TO 0
8-28-200	7 R	eported By	M	CCURDY							
DailyCosts	: Drilling	\$0		Co	mpletion	\$191,003		Daily	Total	\$191,003	
Cum Costs	: Drilling	\$480	,627	Co	mpletion	\$346,312		Well	Total	\$826,939	
MD	6,840	TVD	6,840	Progress	0	Days	7	MW	0.0	Visc	0.0
ormation	: WASATC	CH	PBTD:	5792.0		Perf : 5009'-	-6551'		PKR De	<b>pth:</b> 0.0	
ctivity at	Report Ti	me: PREP T	O MIRUSU								
itart	End	Hrs Ac	ctivity Desc	ription							
06:00	17:30	64 PH YF	32'–33', 645 HASING. RD F116ST+ PA	1'–52', 6462'- WL. RU SCHI D, 45177 GAL	-63', 6472'- LUMBERGI YF116ST+	TH HORN FROM 73', 6475'-76', ER. FRAC DOW WITH 126800# 2 80 PSIG. RD SCI	6485'-86 N CASIN 20/40 SA	5', 6508'–09', IG WITH 165 ND @ 1–5 PF	6525'-26' & GAL GYPT	6550'-51' @ 3 RON T-106, 41	SPF & 12 73 GAL
		62 RU 62	07'–08', 621 J SCHLUMI	6'–17', 6243'- BERGER. FRA SAND @ 1–5 F	-44', 6253'- C DOWN C	RATED Ba FROI -54', 6292'–93', ASING WITH 4 814 PSIG. MTR	6303'-04 160 GAL	l' & 6312'–13 .YF116ST+ P	' @ 3 SPF & 'AD, 26248 G	120° PHASING AL YF116ST+	. RDWĹ. WITH

RUWL. SET 10K CFP AT 6100'. PERFORATED Ba FROM 5972'-73', 5976'-77', 5999'-600', 6011'-12', 6020'-21', 6034'-35', 6054'-55', 6060'-61', 6067'-68', 6074'-75', 6080'-81' & 6083'-84' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4155 GAL YF116ST+ PAD, 45993 GAL YF116ST+ WITH 129600# 20/40 SAND @ 1-4 PPG. MTP 3304 PSIG. MTR 29.8 BPM. ATP 1959 PSIG. ATR 29 BPM. ISIP 1430 PSIG. RD SCHLUMBERGER.

RUWL, SET 10K CFP AT 5940'. PERFORATED Ba FROM 5612'-13', 5662'-63', 5733'-34', 5765'-67', 5793'-94', 5806'-07', 5837'-38', 5857'-58', 5896'-97', 5912'-13' & 5918'-19' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 3128 GAL YF116ST+ PAD, 20602 GAL YF116ST+ WITH 47300# 20/40 SAND @ 1-5 PPG. MTP 3464 PSIG. MTR 29.8 BPM. ATP 28.2 PSIG. ATR 28.2 BPM. ISIP 1300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5550'. PERFORATE Ca FROM 5307'-09', 5315'-17', 5323'-25', 5395'-97', 5418'-19', 5514'-16' & 5528'-29' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4154 GAL YF116ST+ PAD, 36502 GAL YF116ST+ WITH 103200# 20/40 SAND @ 1-5 PPG. MTP 2788 PSIG. MTR 26.2 BPM. ATP 1981 PSIG. ATR 25.6 BPM. ISIP 1970 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 5220'. PERFORATED Ca FROM 5009'-11', 5039'-40', 5089'-90', 5135'-37', 5142'-45', 5155'-57' & 5173'-74' @ 3 SPF & 120° PHASING. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4167 GAL YF116ST+ PAD, 34935 GAL YF116ST+ WITH 101000# 20/40 SAND @ 1-5 PPG. MTP 3301 PSIG. MTR 25.1 BPM. ATP 2467 PSIG. ATR 24.4 BPM. ISIP 2260 PSIG. RD SCHLUMBERGER.

#### RUWL. SET 10K CBP AT 4923'. BLED OFF PRESSURE. RDWL. SDFN.

08-30-20	07 R	eported By	Н	AL IVIE							
DailyCost	s: Drilling	\$0		Con	npletion	\$22,850		Daily	Total	\$22,850	
Cum Cost	ts: Drilling	\$480,6	527	Con	npletion	\$369,162		Well	<b>Fotal</b>	\$849,789	
MD	6,840	TVD	6,840	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation	n: WASATC	Н	<b>PBTD</b> : 6	5792.0		Perf: 5009'-	6551'		PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: CLEAN	OUT AFTE	R FRAC							
Start	End	Hrs Act	ivity Desc	cription							
06:00	17:00			RIG #1. SICP 0 LG EQUIP. SDF		FRAC TREE. N	U <b>Bop. I</b>	RIH W/MILL &	& PUMP OF	F BIT SUB TO	CBP @

		JRS									
08-31-2007	Repo	rted By	ŀ	IAL IVIE							
DailyCosts: Dr	illing	\$0			Completion	\$37,086		Daily	Total	\$37,086	
Cum Costs: Dr	illing	\$480,6	27		Completion	\$406,248		Well 7	<b>Fotal</b>	\$886,875	
MD 6	,840 <b>T</b>	<b>VD</b>	6,840	Progre	ess 0	Days	9	MW	0.0	Visc	0.0
Formation: W	ASATCH		PBTD:	6792.0		Perf: 5009'-	-6551'		PKR De	<b>pth:</b> 0.0	

Activity at Report Time: FLOW TEST

riciivity t	t richort r	inic Lo	
Start	End	Hrs	Activity Description
06:00	06:00	24.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 4923', 5220', 5550', 5940', 6100' & 6335' RIH. CLEANED OUT TO PBTD @ 6794'. LANDED TBG AT 6341' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.

FLOWED 17 HRS. 32/64" CHOKE, FTP 100 PSIG. CP 700 PSIG. 36 BFPH. RECOVERED 604 BLW. 4590 BLWTR.

TUBING DETAIL LENGTH

PUMP OFF SUB 1.00'

1 JT 2-3/8" 4.7# J-55 YB TBG 32.86'

XN NIPPLE 1.10'

197 JTS 2-3/8" 4.7# J-55 YB TBG 6293.66'

BELOW KB 12.00'

LANDED @ 6340.62' KB

		***	AL IVIE							
9-01-2007 F	Reported By	H.A	AL I VIL							
DailyCosts: Drilling	\$0		Cor	npletion	\$2,425		Daily	Total	\$2,425	
Cum Costs: Drilling	\$480,6	27	Cor	npletion	\$408,673		Well	Total	\$889,300	
<b>MD</b> 6,840	TVD	6,840	Progress	0	Days	10	$\mathbf{MW}$	0.0	Visc	0.0
<b>Formation</b> : WASAT	СН	<b>PBTD</b> : 67	792.0		Perf: 5009'-	6551'		PKR Dep	oth: 0.0	
activity at Report T	ime: SI TO BU	ILD PRESS	SURE							
start End	Hrs Act	ivity Desc	ription							
06:00 06:00			HRS. 32/64" ( I TO BUILD P		P 0 PSIG. CP 16	00 PSIG.	. 15 BFPH. RI	ECOVERED 3	366 BLW. 4224	BLWTR
9-02-2007 I	Reported By	HA	AL IVIE							
DailyCosts: Drilling	\$0		Cor	npletion	\$2,425		Daily	y Total	\$2,425	
Cum Costs: Drilling	\$480,6	527	Cor	npletion	\$411,098		Well	Total	\$891,725	
		6.040	D		_		MW	0.0	Visc	0.0
<b>4D</b> 6,840	TVD	6,840	Progress	0	Days	11	IAT AA	0.0	A IPC	
		6,840 <b>PBTD</b> : 6	•	0	<b>Days Perf</b> : 5009'-		IATAA	PKR De		
Formation: WASAT	CH Fime: SI TO BU Hrs Act 24.0 SIT	PBTD: 6  FILD PRESS  FIVITY Desc  P 0 PSIG. S	792.0 SURE ription ICP 2000 PSIC	. FLOWED	•	-6551' CHOKE.	FTP 0 PSIG.	PKR Dep	pth: 0.0  G. 21 BFPH. RE	
Formation : WASAT Activity at Report 1 Start End 06:00 06:00	Fime: SI TO BU Hrs Act 24.0 SIT 64 I 200  Reported By	PBTD: 6 UILD PRESS Livity Desc P 0 PSIG. S BLW. 4160 I 0 PSIG.	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 H	. FLOWED	Perf: 5009'-	-6551' CHOKE.	FTP 0 PSIG. ED 3 HRS &	PKR Dep	pth: 0.0  G. 21 BFPH. RE	
Formation: WASAT Activity at Report T Start End 06:00 06:00	Hrs Act 24.0 SIT 64 I 200  Reported By 3	PBTD: 6 UILD PRESS LIVITY Desc P 0 PSIG. S BLW. 4160 I 0 PSIG. HA	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 H AL IVIE Co	i. FLOWED	Perf: 5009'-	-6551' CHOKE.	FTP 0 PSIG. ED 3 HRS & Dail	PKR Dej	pth: 0.0 G. 21 BFPH. RE RS. SITP 0 PSIC	
Formation: WASAT Activity at Report T Start End 06:00 06:00  09-03-2007	Hrs Act 24.0 SIT 64 I 200  Reported By 3	PBTD: 6 UILD PRESS LIVITY Desc P 0 PSIG. S BLW. 4160 I 0 PSIG. HA	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 H AL IVIE Co	i. FLOWED IRS TO BU	Perf: 5009'-	-6551' CHOKE.	FTP 0 PSIG. ED 3 HRS & Dail	PKR Dep CP 2000 PSIG DIED. SI 3 H	pth: 0.0  G. 21 BFPH. RE RS. SITP 0 PSIC	
Activity at Report 1 Start End 06:00 06:00  09-03-2007  Daily Costs: Drilling Cum Costs: Drilling MD 6,840	Hrs Act 24.0 SIT 64 I 200  Reported By g \$480,0	PBTD: 6 UILD PRESSIVITY Desc P 0 PSIG. S BLW. 4160 I 0 PSIG. HA	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE Co. Co. Progress	i. FLOWED IRS TO BU mpletion mpletion	Perf: 5009'- 9 3 HRS. 32/64" ( 1LD PRESSURE \$2,425 \$413,523	CHOKE. E. FLOWI	FTP 0 PSIG. ED 3 HRS & Dail Well	PKR Dep	\$2,425 \$894,150 <b>Visc</b>	G. SICP
Formation: WASAT Activity at Report 1 Start End 06:00 06:00  D9-03-2007 1 Daily Costs: Drilling MD 6,840 Formation: WASAT	Hrs Act 24.0 SIT 64 B 200 Reported By g \$0 g \$480,0	PBTD: 6  JILD PRESS  Livity Desc P 0 PSIG. S  BLW. 4160 H  0 PSIG.  H.  527  6,840  PBTD: 6	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE Co Co Progress	i. FLOWED IRS TO BU mpletion mpletion	Perf: 5009'- 0 3 HRS. 32/64" ( 1LD PRESSURE \$2,425 \$413,523  Days	CHOKE. E. FLOWI	FTP 0 PSIG. ED 3 HRS & Dail Well	PKR Dep CP 2000 PSIG DIED. SI 3 H y Total 1 Total 0.0	\$2,425 \$894,150 <b>Visc</b>	G. SICP
Activity at Report 7 Start End 06:00 06:00  09-03-2007  Daily Costs: Drilling Cum Costs: Drilling MD 6,840  Formation: WASAT	Hrs Act 24.0 SIT 64 H 200 Reported By g \$0 g \$480,0 TVD TCH Time: EQUALI	PBTD: 6  JILD PRESS  Livity Desc P 0 PSIG. S  BLW. 4160 H  0 PSIG.  H  527  6,840  PBTD: 6	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE Co. Progress 792.0 CSG	i. FLOWED IRS TO BU mpletion mpletion	Perf: 5009'- 0 3 HRS. 32/64" ( 1LD PRESSURE \$2,425 \$413,523  Days	CHOKE. E. FLOWI	FTP 0 PSIG. ED 3 HRS & Dail Well	PKR Dep CP 2000 PSIG DIED. SI 3 H y Total 1 Total 0.0	\$2,425 \$894,150 <b>Visc</b>	G. SICP
Activity at Report 7 Start End 06:00 06:00  09-03-2007  Daily Costs: Drilling Cum Costs: Drilling MD 6,840  Formation: WASAT	Hrs Act 24.0 SIT 64 F 200 Reported By g \$0 g \$480,0 TVD TCH Fime: EQUALIT Hrs Act	PBTD: 6 UILD PRESS LIVITY Desc P 0 PSIG. S BLW. 4160 II 0 PSIG. H.  627 6,840 PBTD: 6 ZE TBG & 6 LIVITY Desc	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE Co Co Progress 792.0 CSG	i. FLOWED IRS TO BU mpletion mpletion 0	Perf: 5009'- 0 3 HRS. 32/64" ( 1LD PRESSURE \$2,425 \$413,523  Days	12 -6551'	FTP 0 PSIG. ED 3 HRS & Dail Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H  y Total  1 Total  0.0  PKR Dep	\$2,425 \$894,150 <b>Visc</b>	G. SICP
Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-03-2007  DailyCosts: Drilling Cum Costs: Drilling MD 6,840 Formation: WASAT Activity at Report 7 Start End 06:00 06:00	Hrs Act 24.0 SIT 64 F 200 Reported By g \$0 g \$480,0 TVD TCH Fime: EQUALIT Hrs Act	PBTD: 6  JILD PRESS  Livity Desc P 0 PSIG. S  BLW. 4160 I 0 PSIG.  HA  627  6,840  PBTD: 6  ZE TBG & G  Livity Desc P 0 PSIG. S	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE Co Co Progress 792.0 CSG	i. FLOWED IRS TO BU mpletion mpletion 0	Perf: 5009'- 9 3 HRS. 32/64" ( 1LD PRESSURE \$2,425 \$413,523  Days Perf: 5009'-	12 -6551'	FTP 0 PSIG. ED 3 HRS & Dail Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H  y Total  1 Total  0.0  PKR Dep	\$2,425 \$894,150 <b>Visc</b>	G. SICP
Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-03-2007 1 Daily Costs: Drilling MD 6,840 Formation: WASAT Activity at Report 7 Start End 06:00 06:00	Hrs Act 24.0 SIT 64 B 200 Reported By g \$0 g \$480,0 TVD TCH Time: EQUALI Hrs Act 24.0 SIT Reported By	PBTD: 6  JILD PRESS  Livity Desc P 0 PSIG. S  BLW. 4160 I 0 PSIG.  HA  627  6,840  PBTD: 6  ZE TBG & G  Livity Desc P 0 PSIG. S	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 H AL IVIE  Co Co Progress 792.0 CSG cription ICP 2300 PSIC AL IVIE	i. FLOWED IRS TO BU mpletion mpletion 0	Perf: 5009'- 9 3 HRS. 32/64" ( 1LD PRESSURE \$2,425 \$413,523  Days Perf: 5009'-	12 -6551'	FTP 0 PSIG. ED 3 HRS & Daily Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H  y Total  1 Total  0.0  PKR Dep	\$2,425 \$894,150 <b>Visc</b>	G. SICP
Formation: WASAT Activity at Report 7 Start End 06:00 06:00  09-03-2007 1 DailyCosts: Drilling Cum Costs: Drilling MD 6.840 Formation: WASAT Activity at Report 7 Start End 06:00 06:00	Hrs Act 24.0 SIT 64 B 200 Reported By g \$0 g \$480,0 TVD TCH Fime: EQUALE Hrs Act 24.0 SIT Reported By g \$0	PBTD: 6  JILD PRESS Livity Desc P 0 PSIG. S BLW. 4160 I 0 PSIG.  H.  627  6,840  PBTD: 6 ZE TBG & G Livity Desc P 0 PSIG. S H.	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE  Co Progress 792.0 CSG cription ICP 2300 PSIC AL IVIE  Co	i. FLOWED IRS TO BU  mpletion  0  i. LEFT WI	Perf: 5009'- 0 3 HRS. 32/64" ( 1 ILD PRESSURE \$2,425 \$413,523  Days  Perf: 5009'-	12 -6551'	FTP 0 PSIG. ED 3 HRS & Daily Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H.  y Total 0.0 PKR Dep 160 BLWTR.	\$2,425 \$894,150 <b>Visc</b> <b>pth</b> : 0.0	G. SICP
Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-03-2007 1 Daily Costs: Drilling MD 6,840 Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-04-2007 Daily Costs: Drilling Cum Costs: Drilling	Hrs Act 24.0 SIT 64 B 200 Reported By g \$0 g \$480,0 TVD TCH Hrs Act 24.0 SIT Reported By g \$0 g \$480,0	PBTD: 6  JILD PRESS Livity Desc P 0 PSIG. S BLW. 4160 I 0 PSIG.  H.  627  6,840  PBTD: 6 ZE TBG & G Livity Desc P 0 PSIG. S H.	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE  Co Progress 792.0 CSG cription ICP 2300 PSIC AL IVIE  Co	i. FLOWER IRS TO BU  mpletion  0  i. LEFT WE	Perf: 5009'- 0 3 HRS. 32/64" ( 1 ILD PRESSURE \$2,425 \$413,523  Days Perf: 5009'- ELL OPEN 24 H \$2,425	12 -6551'	FTP 0 PSIG. ED 3 HRS & Daily Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H  y Total  0.0  PKR Dep 60 BLWTR.  y Total 1 Total 0.0	\$2,425 \$894,150 Visc pth: 0.0	G. SICP
Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-03-2007 1 Daily Costs: Drilling MD 6.840 Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-04-2007 Daily Costs: Drilling Cum Costs: Drilling	### Act	PBTD: 6  JILD PRESS  Livity Desc P 0 PSIG. S BLW. 4160 II 0 PSIG.  H.  LEAD PRESS  EXECUTE A SECTION OF SIG.  PBTD: 6  EXECUTE A SECTION OF SIG. S  H.  LEAD P 0 PSIG. S  H.  LEAD P 0 PSIG. S  H.  LEAD P 0 PSIG. S	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE  Co. Progress 792.0 CSG cription ICP 2300 PSIC AL IVIE  Co. Co Progress	i. FLOWED IRS TO BU  mpletion  0  i. LEFT WI  mpletion  mpletion  mpletion	Perf: 5009'- 0 3 HRS. 32/64" ( 0 1 HRS. 32/64" ( 1 ILD PRESSURE  \$2,425 \$413,523  Days  Perf: 5009'- ELL OPEN 24 H  \$2,425 \$415,948	12 -6551' RS. LOG	FTP 0 PSIG. ED 3 HRS & Daily Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H  y Total 0.0 PKR Dep 60 BLWTR.	\$2,425 \$894,150 Visc pth: 0.0	0.0
Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-03-2007 1 DailyCosts: Drilling MD 6,840 Formation: WASAT Activity at Report 7 Start End 06:00 06:00  D9-04-2007 DailyCosts: Drilling Cum Costs: Drilling	Hrs Act 24.0 SIT 64 F 200 Reported By g \$0 g \$480,0 TVD TCH Hrs Act 24.0 SIT Reported By g \$0 g \$480,0 TVD TCH Time: EQUALIT Reported By g \$0 TVD TCH	PBTD: 6  JULD PRESS  Livity Desc P 0 PSIG. S BLW. 4160 II 0 PSIG.  H.  LEAD  PBTD: 6  LEAD  PBTD: 6  LIVITY DESC P 0 PSIG. S  H.  LEAD  LE	792.0 SURE ription ICP 2000 PSIC BLWTR. SI 3 F AL IVIE  Co Co Progress 792.0 CSG cription ICP 2300 PSIC AL IVIE  Co Co Progress 792.0	i. FLOWED IRS TO BU  mpletion  0  i. LEFT WI  mpletion  mpletion  mpletion	Perf: 5009'- 0 3 HRS. 32/64" ( 1 ILD PRESSURE \$2,425 \$413,523  Days  Perf: 5009'- ELL OPEN 24 H \$2,425 \$415,948  Days	12 -6551' RS. LOG	FTP 0 PSIG. ED 3 HRS & Daily Well MW	PKR Dep CP 2000 PSIG DIED. SI 3 H  y Total  0.0  PKR Dep 60 BLWTR.  y Total 1 Total 0.0	\$2,425 \$894,150 Visc pth: 0.0	0.0

06:00		SWA	D UNII.								
9-06-2007	Re	ported By	H	AL IVIE							
DailyCosts: D	Prilling	\$0		C	Completion	\$7,213		Daily	Total	\$7,213	
Cum Costs: D	Orilling	\$480,62	27	C	Completion	\$423,161		Well '	Total	\$903,788	
MD	6,840	TVD	6,840	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : V	WASATCI	<b>H</b> ]	<b>PBTD</b> : 6	792.0		Perf: 5009'-	-6551'		PKR Dep	oth: 0.0	
Activity at Re	eport Tin	ne: FLOW TE	ST								
Start En	nd	Hrs Acti	vity Desc	ription							
06:00	06:00	24.0 SITP 11 R	2000 PSI UNS & WI	G. SICP 1600 ELL STARTI	PSIG. BLEW ED FLOWING	WELL DOWN RECOVERED	. MIRU R 150 BLW	OYAL RIG#	1. RU TO SW	/AB. IFL @ 200'	'. MADI
		FLO	WED 16 H	IRS. 32/64" (	CHOKE. FTP 8	350 PSIG. CP 16	600 PSIG.	46 BFPH. RE	ECOVERED 7	736 BLW. 3424 I	BLWTF
09-07-2007	Re	ported By	H	AL IVIE							
DailyCosts: D	Orilling	\$0			Completion	\$2,725		•	Total	\$2,725	
Cum Costs: D	Drilling	\$480,6	27	(	Completion	\$425,886		Well	Total	\$906,513	
MD	6,840	TVD	6,840	Progress	, 0	Days	15	MW	0.0	Visc	0.0
Formation : V	WASATCI	·	DDTD			Perf: 5009'-	45517		PKR De	4la - 00	
•	eport Tir nd 06:00	ne: INSULAT  Hrs Acti  24.0 FLO  SI. II	wity Desc WED 24 I	LITIES Eription HRS. 32/64" NG FACILIT	TES.			. 27 BFPH. R		663 BLW. 2761	BLWT
Start En 06:00	nd 06:00	ne: INSULAT  Hrs Acti  24.0 FLO SI. II	ING FACI vity Desc WED 24 I NSULATION	LITIES  Cription  HRS. 32/64"  NG FACILIT  LETION DA	TE: 9/6/07			. 27 BFPH. R			BLWT
Start En 06:00	nd 06:00	Hrs Acti 24.0 FLO SI. II FINA ported By	ING FACI vity Desc WED 24 I NSULATION	LITIES eription HRS. 32/64" NG FACILIT LETION DA	TE: 9/6/07	750 PSIG. CP 1			ECOVERED	663 BLW. 2761	BLWT
Start En 06:00	nd 06:00 Re Drilling	Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0	ING FACI vity Desc WED 24 I NSULATIN AL COMP	LITIES  cription  HRS. 32/64"  NG FACILIT  LETION DA  ITA THOMA	TES. TE: 9/6/07 AS Completion	750 PSIG. CP 1		Daily	ECOVERED	663 BLW. 2761 \$148,010	BLWT
Start En 06:00  09-08-2007  Daily Costs: I Cum Costs: I	nd 06:00  Re Drilling	Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6	ing facility Description 24 Insulating AL COMP	LITIES eription HRS. 32/64" NG FACILIT LETION DA	TE: 9/6/07 AS Completion Completion	750 PSIG. CP I \$148,010 \$573,896	400 PSIG	Daily Well	ECOVERED	\$148,010 \$1,054,523	
Start En 06:00  09-08-2007  Daily Costs: D Cum Costs: I	nd 06:00  Re Drilling 0,840	Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480,6	ing facility Description WED 24 Insulation AL COMP R 27 6,840	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	TES. TE: 9/6/07 AS Completion Completion	750 PSIG. CP 1 \$148,010 \$573,896 <b>Days</b>	400 PSIG	Daily	ECOVERED  Total  Total  0.0	\$148,010 \$1,054,523 Visc	
Start En 06:00  09-08-2007  Daily Costs: E Cum Costs: I MD  Formation: V	ReDrilling 0,840 WASATC	Hrs Acti 24.0 FLO SI. E  FINA  ported By \$0 \$480.6  TVD	ing facilities wed 24 in NSULATINAL COMPIRE R 6,840	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	TES. TE: 9/6/07 AS Completion Completion	750 PSIG. CP I \$148,010 \$573,896	400 PSIG	Daily Well	ECOVERED	\$148,010 \$1,054,523 Visc	
O6:00  09-08-2007  DailyCosts: E Cum Costs: I MD  Formation: V	Re Drilling 6,840 WASATC	Hrs Acti 24.0 FLO SI. II  FINZ  Ported By \$0 \$480,6  TVD  H ne: FACILITY	ing facilities wed 24 in NSULATIN RL COMP  R  27  6,840  PBTD: 6	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 6792.0	TES. TE: 9/6/07 AS Completion Completion	750 PSIG. CP 1 \$148,010 \$573,896 <b>Days</b>	400 PSIG	Daily Well	ECOVERED  Total  Total  0.0	\$148,010 \$1,054,523 Visc	
Start En 06:00  09-08-2007  Daily Costs: E Cum Costs: I MD Formation: V Activity at Re Start En	ReDrilling Os.40 WASATC eport Tin	re: INSULAT  Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6  TVD  H ne: FACILITY Hrs Acti	ing facility Description  WED 24 Insulating AL COMPR  27  6,840  PBTD: 67  COST  ivity Description	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA  Progress 5792.0  cription	TE: 9/6/07 AS Completion Completion G 0	750 PSIG. CP 1 \$148,010 \$573,896 <b>Days</b>	400 PSIG	Daily Well	ECOVERED  Total  Total  0.0	\$148,010 \$1,054,523 Visc	<b>BLWTI</b>
O6:00  O9-08-2007  DailyCosts: E Cum Costs: I MD  Formation: V Activity at Re Start E 06:00	ReDrilling 6,840 WASATC eport Tind 06:00	Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480,6  TVD  H ne: FACILITY L4.0 FAC	ing facility Description  AL COMP  AL COMP  6,840  PBTD: 6  COST  ivity Description	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 5792.0 cription ST \$148,010	TE: 9/6/07 AS Completion Completion G	750 PSIG. CP 1 \$148,010 \$573,896 <b>Days</b>	400 PSIG	Daily Well	ECOVERED  Total  Total  0.0	\$148,010 \$1,054,523 Visc	
O6:00  O9-08-2007  Daily Costs: I  MD  Formation: V  Activity at Re  Start E1  06:00  O9-13-2007	ReDrilling Os:00 WASATC eport Tine o6:00 Re	Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6  TVD  H  ne: FACILITY  Hrs Acti 24.0 FAC	ing facility Description  AL COMP  AL COMP  6,840  PBTD: 6  COST  ivity Description	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 6792.0 cription ST \$148,010	TE: 9/6/07 AS Completion Completion G O O O O K	\$148,010 \$573,896 <b>Days</b> <b>Perf</b> : 5009'	400 PSIG	Daily Well MW	Total Total 0.0 PKR De	\$148,010 \$1,054,523 Visc	
O6:00  O9-08-2007  DailyCosts: I  MD  Formation: V  Activity at Re  Start En  06:00  O9-13-2007  DailyCosts: I	ReDrilling 6,840 WASATC eport Tin nd 06:00 Re	re: INSULAT  Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480,6  TVD  H  ne: FACILITY  Hrs Acti 24.0 FAC  ported By \$0	ing facility Description  AL COMP  6,840  PBTD: 6 COST  ivity Description  D	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 5792.0 Cription ST \$148,010 UANE COO	TE: 9/6/07 AS Completion Completion G O O Completion	750 PSIG. CP 1 \$148,010 \$573,896 <b>Days</b>	400 PSIG	Daily Well MW Daily	y Total Total 0.0 PKR De	\$148,010 \$1,054,523 Visc pth: 0.0	
Start En 06:00  09-08-2007  Daily Costs: I MD  Formation: V Activity at Re 06:00  09-13-2007  Daily Costs: I Cum Costs: I	ReDrilling 6,840 WASATC eport Tine and 06:00 ReDrilling	Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6  TVD  H  ne: FACILITY  Hrs Acti 24.0 FAC  ported By \$0 \$480.6	ing facilities facilit	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 6792.0 cription ST \$148,010	TES. TE: 9/6/07 AS Completion Completion  O K Completion Completion Completion	\$148,010 \$573,896 Days Perf: 5009'	18 -6551'	Daily Well MW Daily Well	Total Total 0.0 PKR De	\$148,010 \$1,054,523 <b>Visc</b> <b>pth</b> : 0.0	0.0
O6:00  O9-08-2007  DailyCosts: E Cum Costs: I MD  Formation: V Activity at Re O6:00  O9-13-2007  DailyCosts: I Cum Costs: I MD	ReDrilling 6,840 WASATC eport Tine and 06:00 ReDrilling Drilling 6.840	re: INSULAT  Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6  TVD  H  ne: FACILITY  Hrs Acti 24.0 FAC  ported By \$0 \$480.6  TVD	ing facilities per	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 5792.0 Cription ST \$148,010 UANE COO	TES. TE: 9/6/07 AS Completion Completion  O K Completion Completion Completion	\$148,010 \$573,896 <b>Days</b> <b>Perf</b> : 5009' \$0 \$573,896 <b>Days</b>	18 -6551'	Daily Well MW Daily	v Total  O.0  PKR De  v Total  Total  Total  Total  0.0	\$148,010 \$1,054,523 Visc pth: 0.0	0.0
O6:00  O9-08-2007  DailyCosts: E Cum Costs: I MD  Formation: V Activity at Re Start E 06:00  O9-13-2007  DailyCosts: I Cum Costs: I MD  Formation: V	Re Drilling 6,840 WASATC eport Tin od 06:00 Re Drilling 6,840 WASATC	re: INSULAT  Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6  TVD  H  ne: FACILITY  44.0 FAC  ported By \$0 \$480.6  TVD  TVD  H  TVD  H  TVD  H  TVD  TVD	ing facility Description of the control of the cont	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA TA THOMA Progress 5792.0 Cription ST \$148,010 DUANE COO Progress 5792.0	TES. TE: 9/6/07 AS Completion Completion  O K Completion Completion Completion	\$148,010 \$573,896 Days Perf: 5009'	18 -6551'	Daily Well MW Daily Well	y Total  O.0  PKR De	\$148,010 \$1,054,523 Visc pth: 0.0	
06:00  09-08-2007  Daily Costs: E Cum Costs: I MD  Formation: V Activity at Re 06:00  09-13-2007  Daily Costs: I Cum Costs: I MD  Formation: V Activity at Re	Re Drilling 6,840 WASATC eport Tin od 06:00 Re Drilling 6,840 WASATC	re: INSULAT  Hrs Acti 24.0 FLO SI. II  FINA  ported By \$0 \$480.6  TVD  H ne: FACILITY  40 \$0 \$480.6  TVD  H ne: INITIAL	ing facility Description of the control of the cont	LITIES cription HRS. 32/64" NG FACILIT LETION DA ITA THOMA Progress 6792.0 Progress 6792.0 CION	TES. TE: 9/6/07 AS Completion Completion  O K Completion Completion Completion	\$148,010 \$573,896 <b>Days</b> <b>Perf</b> : 5009' \$0 \$573,896 <b>Days</b>	18 -6551'	Daily Well MW Daily Well	v Total  O.0  PKR De  v Total  Total  Total  Total  0.0	\$148,010 \$1,054,523 Visc pth: 0.0	0.0

ALAN WATKINS

Reported By

09-14-2007

Well Name: CWU 659-30 Field: CHAPITA WELLS UNIT Property: 055529

DailyCosts: Drilling \$0 Completion **Daily Total** \$0 \$480,627 \$1,054,523 **Cum Costs: Drilling** Completion \$573,896 **Well Total** 6,840 0 MD TVD 6,840 **Progress Days** 17 MW0.0 Visc 0.0 Formation: WASATCH **PBTD**: 6792.0 Perf: 5009'-6551' PKR Depth: 0.0 **Activity at Report Time: ON SALES** End **Activity Description** Start Hrs 06:00 24.0 FLOWED 285 MCF, 5 BC & 176 BW IN 24 HRS ON 10/64" CHOKE, TP 1300 PSIG, CP 1900 PSIG. 06:00 ALAN WATKINS 09-17-2007 Reported By \$0 DailyCosts: Drilling Completion \$0 **Daily Total** \$0 **Cum Costs: Drilling** \$480,627 \$573,896 **Well Total** \$1,054,523 Completion 6,840 0 MD TVD 6,840 Days 18  $\mathbf{M}\mathbf{W}$ 0.0 Visc 0.0 **Progress** Formation: WASATCH **PBTD**: 6792.0 Perf: 5009'-6551' PKR Depth: 0.0 **Activity at Report Time: ON SALES Activity Description** Start End Hrs 24.0 9/15/07 FLOWED 338 MCF, 5 BC & 95 BW IN 24 HRS ON 10/64" CHOKE, TP 1275 PSIG, CP 1875 PSIG. 06:00 06:00 9/16/07 FLOWED 338 MCF, 0 BC & 93 BW IN 24 HRS ON 10/64" CHOKE, TP 1250 PSIG, CP 1850 PSIG.

9/17/07 FLOWED 331 MCF, 0 BC & 103 BW IN 24 HRS ON 10/64" CHOKE, TP 1250 PSIG, CP 1875 PSIG.

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

REPORT	OF WATER	<b>ENCOUNTERED</b>	<b>DURING</b>	DRILLING

Vall nama and	i number: <u>CWU</u>	659-30	•		
	13-047-36484				
		30		= Caus	UINTAH
			Township <u>9S</u> Range <u>23</u>	Cour	nty <u>Shittiyan</u>
Vell operator:	EOG Resource				
Address:	1060 E HWY 4	:0			
	city VERNAL		state UT zip 84078	Pho	one: (435) 781-9111
rilling contra	ctor: PRO PETF	80			
Address:	PO BOX 827				
	city VERNAL		state UT zip 84078	Pho	one: (435) 789-4729
Vater encoun	tered (attach add	ditional page	es as needed):		
!	DEP	TH	VOLUME		QUALITY
	FROM	то	(FLOW RATE OR HEA	D)	(FRESH OR SALTY)
	1,600	1,630	NOW FLOW		NOT KNOWN
		····			
			2		3
Formation top Top to Botton)			2 5		
	7		8		
	10		11		
	10		,	,	
If an analysis	has been made	of the water	r encountered, please attach	а сору с	of the report to this form.
			and the second s		
			lete to the best of my knowledge.		
NAME (PLEASE P	Carrie MacE	Donald	1		erations Clerk
SIGNATURE (	( ),	m?	X X ,	10/2	26/2007

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

			BUREAU										ŀ	Expi	res: July	31,2010
		OMPL	ETION C	R RE	СОМ	PLETI	ON R	EPOR	TAND	LOG				ease Serial I TU0337	No.	
la. Type of		Oil Well	_		Dry	_	Other						6. If	Indian, All	ottee o	r Tribe Name
b. Type o	f Completion	Oth	New Well	□ Wo	rk Over		eepen	☐ Pi	ug Back		Diff. R	esvr.	7. U	nit or CA A	greem	ent Name and No.
2. Name of	• Omerates							= 111.5		<u> </u>			C	HAPITA V	VELLS	UNI
EOG R	ESOURCES		E	-Mail: c	arrie_n	nacdona	ld@eo	gresour					C		VELLS	ell No. 3 UNIT 659-30
5. Address	600 17TH DENVER,	CO 802	1, SUITE 10 202	JUUN					No. (includ 62-2812	ie area	code)		9. A	PI Well No		43-047-36484
	of Well (Re							•	ts)*				10. I	Field and Po	ool, or	Exploratory ES/WASATCH
At surfa			. 1967FWL 4			•							11. 8	Sec., T., R.,	M., or	Block and Survey 9S R23E Mer SLB
	orod interval r								, 109.371	93 W	Lon		12. (	County or P	arish	13. State
At total		OVV 049F	SL 1967FW	ate T.D.			1.37193		te Comple	tad		<del></del>	<del></del>	INTAH CO		
07/15/2				/12/200		u				Read	y to Pı	od.	17. 1		98 GL	B, RT, GL)*
18. Total D		MD TVD	6840			ug Back		MD TVD	67	794		20. De	pth Bri	dge Plug Se		MD TVD
21. Type E RST/C	lectric & Oth	er Mecha JGR	nical Logs R	un (Sub	mit cop	y of each)	)					vell core		⊠ No ⊠ No	Yes	(Submit analysis) (Submit analysis)
												ional Su				(Submit analysis)
23. Casing a	nd Liner Reco	ord (Repo	ort all strings I				1_		<u> </u>			<u> </u>				r
Hole Size	Size/G	rade	Wt. (#/ft.)	To (MI		Bottom (MD)	_	Cement Depth		of Sks. of Cen		Slurry (BE		Cement 7	Гор*	Amount Pulled
12.250		25 J-55	36.0		0	238	2		ļ		1000					
7.875	4.5	00 N-80	11.6		0	683	7				1070					
	<u> </u>						-		<del> </del>						-	
<del>, </del>	<del>                                     </del>						-	· · · · · · · · · · · · · · · · · · ·	<del> </del>							
	<del>                                     </del>						+		+	<del></del>						
24. Tubing	Record											<u> </u>				
Size	Depth Set (M	ID) P	acker Depth	(MD)	Size	Dep	th Set (	MD)	Packer De	epth (N	1D)	Size	De	pth Set (M	D)	Packer Depth (MD)
2.375		6341							····							
25. Produci	ng Intervals					26	6. Perfor	ation Re	cord							
	ormation	_	Тор		Botto		]	Perforate	d Interval			Size	1	No. Holes	<u> </u>	Perf. Status
A)	WASA	ATCH	*	5009		6551			6380					3	1	
B)								· · · · · · · · ·	6129		_			3		
<u>C)</u> D)									5972					3		
	racture, Treat	ment. Ce	ment Squeeze	e. Etc.					5612	10 59	19]			3	<u> </u>	
	Depth Interva			,					Amount an	of Type	e of M	aterial	-			· · · · · · · · · · · · · · · · · · ·
			551 49,515	GALS G	ELLED '	WATER 8	126,80			и тур	01 10	atoria.				
	61	29 TO 6	313 30,408	GALS G	ELLED '	WATER 8	62,400	# 20/40 5	AND					· · · · · · · · · · · · · · · · · · ·		<del></del>
	59	72 TO 6	084 50,148	GALS G	ELLED '	WATER 8	129,60	0# 20/40	SAND							
	56	12 TO 5	919 23,730	GALS G	ELLED '	WATER 8	47,300	# 20/40 5	AND							
	ion - Interval	Α														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga MC	CF .	Water BBL	Cor	Gravity r. API		Gas Gravity		Producti	on Method	vo ===	N. 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
09/12/2007 Choke	09/17/2007 Tbg. Press.	24 Csg.	24 Hr.	O.0 Oil	Gar	331.0	103. Water		:Oil		Well St	oftie .	<u> </u>	FLOV	vs FRC	OM WELL
Size	Flwg. 1250	Press.	Rate	BBL	MC	F	BBL	Rat								
10/64	SI Intorna	1875.0		0	İ_	331	103				Р	GW				······································
Date First	Test	Hours	Test	Oil	Gas		Water	O:I	Gravity		Gas		D-o-t	on Math-3		
Produced	Date	Tested	Production	BBL	MC		BBL		r. API		Gas Gravity		rroduct	on Method		

24 Hr.

Oil BBL

Choke

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #56919 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* NOV 0 1 2007

Well Status

Gas:Oil Ratio

RECEIVED

20h Dend	luction Inton	-1.C			·					· · · · · · · · · · · · · · · · · · ·		
Date First	luction - Interv	Hours	Test	Oil	Gas	Water	Oil Gravity	Į,		<u> </u>		
Produced	Date	Tested	Production	BBL	MCF		Corr. API	Gas		Production Method		
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Wel	l Status			
28c. Prod	luction - Interv	al D		<b>L</b>				1				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Grav		Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Wel	l Status			
29. Dispo	osition of Gas(	Sold, used f	or fuel, vent	ed, etc.)	<u> </u>	<del></del>						
	nary of Porous	Zones (Inc	lude Aquife	rs):			······································		31. For	mation (Log) Mark	ers	
tests,	all important : including dept ecoveries.	zones of por h interval te	rosity and costed, cushic	ontents there on used, time	of: Cored in tool open,	ntervals and all flowing and sh	drill-stem aut-in pressures					·
	Formation		Тор	Bottom		Descriptions,	, Contents, etc.			Name		Top Meas. Depth
WASATC	Н		5009	6551					CH. BU	SATCH APITA WELLS CK CANYON SAVERDE		4466 5032 5706 6637
32. Addit See	tional remarks Attached She	(include pluet.	igging proc	edure):				,				
33. Circl	e enclosed atta	chments:	<del></del>					<del> </del>				
	lectrical/Mecha undry Notice fo	_	•			<ol> <li>Geologic Re</li> <li>Core Analy</li> </ol>	-		3. DST Rep 7 Other:	port	4. Direction	nal Survey
34. I here	eby certify that	the foregoi	ng and attac	hed informa	tion is com	plete and corre	ct as determine	d from a	ıll available	records (see attacl	hed instruction	ons):
			Elec	tronic Subn Fo	nission #569 or EOG RE	19 Verified by SOURCES, IN	y the BLM We NC., sent to th	ll Infori e Verna	mation Sys u	tem.		
Nam	e (please print)	CARRIE	E MACDO	NALD	···		Title OI	PERAT	IONS CLE	RK		
Signa	ature	(Electroni	c Submiss	ion)			Date <u>10</u>	/26/200	)7		······································	
				<del></del>							******	
Title 18 of the Ui	U.S.C. Section nited States any	1001 and 7 y false, ficti	itle 43 U.S. tious or frac	.C. Section 1 lulent statem	212, make i ents or repr	t a crime for ar esentations as t	ny person know to any matter w	ingly an	nd willfully jurisdiction	to make to any dep i.	partment or a	gency

#### Chapita Wells Unit 659-30 - ADDITIONAL REMARKS (CONTINUED):

#### 43. PERFORATION RECORD

5307-5529	3/spf
5009-5174	3/spf

#### 44. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

5307-5529	40,656 GALS GELLED WATER & 103,200# 20/40 SAND
5009-5174	39,102 GALS GELLED WATER & 101,000# 20/40 SAND

Perforated the North Horn from 6380-6381', 6393-6394', 6408-6409', 6413-6414', 6426-6427', 6432-6433', 6451-6452', 6462-6463', 6472-6473', 6475-6476', 6485-6486', 6508-6509', 6525-6526', 6550-6551' w/ 3 spf.

Perforated the Buck Canyon from 6129-6130', 6138-6139', 6160-6161', 6168-6169', 6194-6195', 6207-6208', 6216-6217', 6243-6244', 6253-6254', 6292-6293', 6303-6304', 6312-6313' w/ 3 spf.

Perforated the Buck Canyon from 5972-5973', 5976-5977', 5999-6000', 6011-6012', 6020-6021', 6034-6035', 6054-6055', 6060-6061', 6067-6068', 6074-6075', 6080-6081', 6083-6084' w/ 3 spf.

Perforated the Buck Canyon from 5612-5613', 5662-5663', 5733-5734', 5765-5767', 5793-5794', 5806-5807', 5837-5838', 5857-5858', 5896-5897', 5912-5913', 5918-5919' w/ 3 spf.

Perforated the Chapita Wells from 5307-5309', 5315-5317', 5323-5325', 5395-5397', 5418-5419', 5514-5516', 5528-5529' w/ 3 spf.

Perforated the Chapita Wells from 5009-5011', 5039-5040', 5089-5090', 5135-5137', 5142-5145', 5155-5157', 5173-5174' w/ 3 spf.

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

REPORT	OF WATER	<b>ENCOUNTERED</b>	<b>DURING</b>	DRILLING

Vall nama and	i number: <u>CWU</u>	659-30	•		
	13-047-36484				
		30		= Caus	UINTAH
			Township <u>9S</u> Range <u>23</u>	Cour	nty <u>Shittiyan</u>
Vell operator:	EOG Resource				
Address:	1060 E HWY 4	:0			
	city VERNAL		state UT zip 84078	Pho	one: (435) 781-9111
rilling contra	ctor: PRO PETF	80			
Address:	PO BOX 827				
	city VERNAL		state UT zip 84078	Pho	one: (435) 789-4729
Vater encoun	tered (attach add	ditional page	es as needed):		
!	DEP	TH	VOLUME		QUALITY
	FROM	то	(FLOW RATE OR HEA	D)	(FRESH OR SALTY)
	1,600	1,630	NOW FLOW		NOT KNOWN
		····			
			2		3
Formation top Top to Botton)			2 5		
	7		8		
	10		11		
	10		,	,	
If an analysis	has been made	of the water	r encountered, please attach	а сору с	of the report to this form.
			and the second s		
			lete to the best of my knowledge.		
NAME (PLEASE P	Carrie MacE	Donald	1		erations Clerk
SIGNATURE (	( ),	m?	X X ,	10/2	26/2007

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

			BUREAU										ŀ	Expi	res: July	31,2010
		OMPL	ETION C	R RE	СОМ	PLETI	ON R	EPOR	TAND	LOG				ease Serial I TU0337	No.	
la. Type of		Oil Well	_		Dry	_	Other						6. If	Indian, All	ottee o	r Tribe Name
b. Type o	f Completion	Oth	New Well	□ Wo	rk Over		eepen	☐ Pi	ug Back		Diff. R	esvr.	7. U	nit or CA A	greem	ent Name and No.
2. Name of	• Omerates							= 111.5		<u> </u>			C	HAPITA V	VELLS	UNI
EOG R	ESOURCES		E	-Mail: c	arrie_n	nacdona	ld@eo	gresour					C		VELLS	ell No. 3 UNIT 659-30
5. Address	600 17TH DENVER,	CO 802	1, SUITE 10 202	JUUN					No. (includ 62-2812	ie area	code)		9. A	PI Well No		43-047-36484
	of Well (Re							•	ts)*				10. I	Field and Po	ool, or	Exploratory ES/WASATCH
At surfa			. 1967FWL 4			•							11. 8	Sec., T., R.,	M., or	Block and Survey 9S R23E Mer SLB
	orod interval r								, 109.371	93 W	Lon		12. (	County or P	arish	13. State
At total		9VV 049F	SL 1967FW	ate T.D.			1.37193		te Comple	tad		<del></del>	<del></del>	INTAH CO		
07/15/2				/12/200		u				Read	y to Pı	od.	17. 1		98 GL	B, RT, GL)*
18. Total D		MD TVD	6840			ug Back		MD TVD	67	794		20. De	pth Bri	dge Plug Se		MD TVD
21. Type E RST/C	lectric & Oth	er Mecha JGR	nical Logs R	un (Sub	mit cop	y of each)	)					vell core		⊠ No ⊠ No	Yes	(Submit analysis) (Submit analysis)
												ional Su				(Submit analysis)
23. Casing a	nd Liner Reco	ord (Repo	ort all strings I				1_		<b>1</b>			<u> </u>				r
Hole Size	Size/G	rade	Wt. (#/ft.)	To (MI		Bottom (MD)	_	Cement Depth		of Sks. of Cen		Slurry (BE		Cement 7	Гор*	Amount Pulled
12.250		25 J-55	36.0		0	238	2		ļ		1000					
7.875	4.5	00 N-80	11.6		0	683	7				1070					
	<u> </u>						-		<del> </del>						-	
<del>, </del>	<del>                                     </del>						-	· · · · · · · · · · · · · · · · · · ·	<del> </del>							
	<del>                                     </del>						+		+	<del></del>						
24. Tubing	Record											<u> </u>				
Size	Depth Set (M	ID) P	acker Depth	(MD)	Size	Dep	th Set (	MD)	Packer De	epth (N	1D)	Size	De	pth Set (M	D)	Packer Depth (MD)
2.375		6341							····							
25. Produci	ng Intervals					26	6. Perfor	ation Re	cord							
	ormation	_	Тор		Botto		]	Perforate	d Interval			Size	1	No. Holes	<u> </u>	Perf. Status
A)	WASA	ATCH	*	5009		6551			6380					3	1	
B)								· · · · · · · · ·	6129		_			3		
<u>C)</u> D)									5972					3		
	racture, Treat	ment. Ce	ment Squeeze	e. Etc.					5612	10 59	19]			3	<u> </u>	
	Depth Interva			,					Amount an	of Type	e of M	aterial	-			· · · · · · · · · · · · · · · · · · ·
			551 49,515	GALS G	ELLED '	WATER 8	126,80			и тур	01 10	atoria.				
	61	29 TO 6	313 30,408	GALS G	ELLED '	WATER 8	62,400	# 20/40 5	AND					· · · · · · · · · · · · · · · · · · ·		<del></del>
	59	72 TO 6	084 50,148	GALS G	ELLED '	WATER 8	129,60	0# 20/40	SAND							
	56	12 TO 5	919 23,730	GALS G	ELLED '	WATER 8	47,300	# 20/40 5	AND							
	ion - Interval	Α														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga MC	CF .	Water BBL	Cor	Gravity r. API		Gas Gravity		Producti	on Method	vo ===	N. 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
09/12/2007 Choke	09/17/2007 Tbg. Press.	24 Csg.	24 Hr.	O.0 Oil	Gar	331.0	103. Water		:Oil		Well St	oftie .	<u> </u>	FLOV	vs FRC	OM WELL
Size	Flwg. 1250	Press.	Rate	BBL	MC	F	BBL	Rat								
10/64	SI Intorna	1875.0		0	İ_	331	103				Р	GW				······································
Date First	Test	Hours	Test	Oil	Gas		Water	O:I	Gravity		Gas		D-o-t	on Math-3		
Produced	Date	Tested	Production	BBL	MC		BBL		r. API		Gas Gravity		rroduct	on Method		

24 Hr.

Oil BBL

Choke

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #56919 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* NOV 0 1 2007

Well Status

Gas:Oil Ratio

RECEIVED

20h Dend	luction Inton	-1.C			·					· · · · · · · · · · · · · · · · · · ·		
Date First	luction - Interv	Hours	Test	Oil	Gas	Water	Oil Gravity	Į,		<u> </u>		
Produced	Date	Tested	Production	BBL	MCF		Corr. API	Gas		Production Method		
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Wel	l Status			
28c. Prod	luction - Interv	al D		<b>L</b>				1				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Grav		Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Wel	l Status			
29. Dispo	osition of Gas(	Sold, used f	or fuel, vent	ed, etc.)	<u> </u>	<del></del>						
	nary of Porous	Zones (Inc	lude Aquife	rs):			······································		31. For	mation (Log) Mark	ers	
tests,	all important : including dept ecoveries.	zones of por h interval te	rosity and costed, cushic	ontents there on used, time	of: Cored in tool open,	ntervals and all flowing and sh	drill-stem aut-in pressures					·
	Formation		Тор	Bottom		Descriptions,	, Contents, etc.			Name		Top Meas. Depth
WASATC	Н		5009	6551					CH. BU	SATCH APITA WELLS CK CANYON SAVERDE		4466 5032 5706 6637
32. Addit See	tional remarks Attached She	(include pluet.	igging proc	edure):				,				
33. Circl	e enclosed atta	chments:	<del></del>					<del> </del>				
	lectrical/Mecha undry Notice fo	_	•			<ol> <li>Geologic Re</li> <li>Core Analy</li> </ol>	-		3. DST Rep 7 Other:	port	4. Direction	nal Survey
34. I here	eby certify that	the foregoi	ng and attac	hed informa	tion is com	plete and corre	ct as determine	d from a	ıll available	records (see attacl	hed instruction	ons):
			Elec	tronic Subn Fo	nission #569 or EOG RE	19 Verified by SOURCES, IN	y the BLM We NC., sent to th	ll Infori e Verna	mation Sys u	tem.		
Nam	e (please print)	CARRIE	E MACDO	NALD	···		Title OI	PERAT	IONS CLE	RK		
Signa	ature	(Electroni	c Submiss	ion)			Date <u>10</u>	/26/200	)7		······································	
				<del></del>							******	
Title 18 of the Ui	U.S.C. Section nited States any	1001 and 7 y false, ficti	itle 43 U.S. tious or frac	.C. Section 1 lulent statem	212, make i ents or repr	t a crime for ar esentations as t	ny person know to any matter w	ingly an	nd willfully jurisdiction	to make to any dep i.	partment or a	gency

#### Chapita Wells Unit 659-30 - ADDITIONAL REMARKS (CONTINUED):

#### 43. PERFORATION RECORD

5307-5529	3/spf
5009-5174	3/spf

#### 44. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

5307-5529	40,656 GALS GELLED WATER & 103,200# 20/40 SAND
5009-5174	39,102 GALS GELLED WATER & 101,000# 20/40 SAND

Perforated the North Horn from 6380-6381', 6393-6394', 6408-6409', 6413-6414', 6426-6427', 6432-6433', 6451-6452', 6462-6463', 6472-6473', 6475-6476', 6485-6486', 6508-6509', 6525-6526', 6550-6551' w/ 3 spf.

Perforated the Buck Canyon from 6129-6130', 6138-6139', 6160-6161', 6168-6169', 6194-6195', 6207-6208', 6216-6217', 6243-6244', 6253-6254', 6292-6293', 6303-6304', 6312-6313' w/ 3 spf.

Perforated the Buck Canyon from 5972-5973', 5976-5977', 5999-6000', 6011-6012', 6020-6021', 6034-6035', 6054-6055', 6060-6061', 6067-6068', 6074-6075', 6080-6081', 6083-6084' w/ 3 spf.

Perforated the Buck Canyon from 5612-5613', 5662-5663', 5733-5734', 5765-5767', 5793-5794', 5806-5807', 5837-5838', 5857-5858', 5896-5897', 5912-5913', 5918-5919' w/ 3 spf.

Perforated the Chapita Wells from 5307-5309', 5315-5317', 5323-5325', 5395-5397', 5418-5419', 5514-5516', 5528-5529' w/ 3 spf.

Perforated the Chapita Wells from 5009-5011', 5039-5040', 5089-5090', 5135-5137', 5142-5145', 5155-5157', 5173-5174' w/ 3 spf.

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## ENTITY ACTION FORM

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

state CO zip 80202

Phone Number: (303) 824-5526

#### Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
43-047-36484	Chapita Wells Unit 65	9-30	SESW	30	98	23E	Uintah	
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignmen Effective Date		
С	13650	4905	7	/15/200	4	//	18/07	

#### Well 2

API Number	Well	Name	QQ Sec Twp NWSE 30 9S		Rng County 23E Uintah	
43-047-36485	Chapita Wells Unit 66	0-30				
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
С	13650	4905	7/9/2007		11/	8/07

#### Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date	
Comments:							

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Mary A. Maestas

Name (Please Print)

Signature
Regulatory Assistant

11/1/2007

Title

Date

(5/2000)

RECEIVED

NOV 0 1 2007

DIV OF OIL, GAS & MINING

Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-013
Expires: July 31, 201

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.				UTU0337  6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI			
1. Type of Well				8. Well Name and No. CHAPITA WELLS UNIT 659-30			
Oil Well Gas Well Oth  2. Name of Operator	Contact: MARY	'A. MAESTAS		9. API Well No.			
EOG RESOURCES INC E-Mail: mary_maestas@eogresources.com				43-047-36484			
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	)	10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish,	and State		
Sec 30 T9S R23E SESW 649 40.00151 N Lat, 109.37193 W		UINTAH COUNTY, UT					
12. CHECK APPI	ROPRIATE BOX(ES) TO INDI	CATE NATURE OF I	NOTICE, RE	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION						
☐ Notice of Intent	☐ Acidize	□ Deepen	☐ Producti	on (Start/Resume)	■ Water Shut-Off		
<del></del>	☐ Alter Casing	☐ Fracture Treat	Reclama	ition	☐ Well Integrity		
Subsequent Report	<u> </u>	☐ New Construction	Recomp		☐ Other		
☐ Final Abandonment Notice	_ ~ ~	☐ Plug and Abandon☐ Plug Back☐	☐ Temporarily Abandon ☐ Water Disposal				
following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi All material, debris, trash, and	junk was removed from the loca over the pit area and broadcast s then walked down with a cat.	a multiple completion or reconstruction and requirements, include the all requirements. The reserve pit wation. The reserve pit wation.	ompletion in a n ling reclamation as reclaimed	ew interval, a Form 316, have been completed, a	0-4 shall be filed once		
, , ,	Electronic Submission #58030 v For EOG RESOU	RCES INČ, sent to the	I Information Vernal .ATORY ASS				
Name(Printed/Typed) MARY A.	IVIAESTAS	Title REGUL	AIUNI ASS	DIGIANI			
Signature (NG)ectronic, S	Submission)	Date 01/14/2	008				
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE US	SE			
Approved By		Title			Date		
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the subject	rant or					
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s			willfully to ma	ke to any department or	agency of the United		